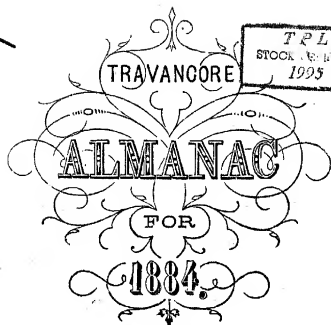




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1883.

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An Ephemeris for the year 1884.

ADAPTED TO THE MERIDIAN OF TREVANDRUM.

TREVANDRUM OBSERVATORY.

Longitude.....	54. 7m. 50s.=	76° 59' 45" East.
Latitude		8° 30' 32" North.
Deviation of the Compass		0° 42' 19" East.
Dip	approximately	2° 30' South.
Height above the sea		197 feet.
Mean temperature of the air in the shade ...		77° 81 Fah.
Mean temperature of evaporation in the shade		73° 42 Fah.
Mean atmospheric pressure		29.681 inches.
Mean vapour pressure... ..		0.778 inches.
Mean relative humidity ... (Saturation=1)		0.812
Mean direction of the wind		W. N. W.
Mean yearly fall of rain		64.71 inches.*
Mean yearly evaporation		88.54 inches.

Note—

* This result is obtained from 43 years' observations (1838—80). The mean yearly fall of rain from 27 years' observations (1838—64) was 68.36 inches, shewing a decrease of 3.65 inches, in the whole period of 43 years. The 16 years' observations from 1865—80, give however only an average yearly fall of 61.52 inches, exhibiting a still clearer decrease in the quantity of rain. The average number of rainy days has remained yet pretty equal; 137.8 for the 27 years from 1838, 137.5 for the 16 years from 1865 and 138.0 for the whole period of 43 years (1838—80). But as the observations extend only over a short period, and are confined to but one place, it would be premature to predict any continual decrease.

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JEWISH ERA	(Com. Sept. 20, 1884) ... 5645
MAHOMMEDAN ERA	(Com. Oct. 21, 1884) ... 1302
MALABAR ERA	(Com. Aug. 15, 1884) ... 1060

EXPLANATORY NOTES.

The Golden Number is that which any given year holds in the Lunar Cycle, which is a period of 19 years, at the lapse of which the phases of the Moon take place on the same days of the months respectively as at the commencement of the Cycle.

The Epoch is the number of days of the Lunar Cycle, over and above all the complete courses of the Moon for any number of years, hence the number indicates the age of the moon at the beginning of the year.

The Solar Cycle is a period of 28 years, which owing to leap year, must necessarily elapse before the days of the month can return respectively to the same days of the week as at the commencement of the Cycle. The first year of the Christian Era was the tenth year of this Cycle.

The Dominical letter is that letter of the Alphabet which points out in the calendar the Sundays throughout the year, thence also called Sunday letter. The seven days of the week, reckoned as beginning on the 1st of January, are designated by the first seven letters of the Alphabet. Thus if the year begins on Sunday A is the Dominical letter and so on generally. If there were 364 days, or exactly 52 weeks in the year, the Dominical letter will always be same; but the year contains 365½ days; an excess of 1½ day over the 52 weeks. The day is taken into the account every year, and the ½ makes a day in every four years; so that the Dominical letter falls backward one letter for each of the three years, in which, the date or number of the year cannot be divided, without remainder, by 4, and two letters every fourth year, when the date can be so divided, as in the year 1880, it is divisible by 4 and therefore, February contained 29 days. The year began on Thursday, count forward Thursday to Sunday, inclusive, is 4 days, and the fourth letter from A inclusive is D. Therefore, at first D is the Dominical letter; but the 29th of February which is added, throws the first day of March a day later in the week than it would otherwise have been; therefore the Sunday letter for March and all the remaining months is C. Hence the years which have the 29 days in February and the two Dominical letters are called *bisextiles*.

Roman Indiction is a period of 15 years, instituted in A. D. 312, by which the Popes have dated their acts by the year of the indiction which was fixed on the first of January.

The Julian period embraces 7980 years and is used, as a fixed era for dating astronomical calculations. The first year of the Christian era is 4713 of Julian period.

Time is distinguished into three kinds: *Apparent* or *True* time, *Mean* time and *Sidereal* time; each of which is expressed in days, hours, minutes and seconds. An *Apparent* or *True* day is the interval of time comprehended between two consecutive passages of the Sun over the meridian; a *Mean* day is the time comprehended between two consecutive passages of an imaginary Sun called the mean Sun, and is equal to the mean or average of all the apparent solar days in the year; lastly, the time comprehended between two following passages of the same star over the same meridian is a *Sidereal* day.

A day is either astronomical or civil; the astronomical day commences at apparent noon or at mean noon, according as apparent or mean time is employed; it is divided into 24 hours, reckoned without interruption from 1 to 24, or from noon to noon. The civil day commences at the midnight preceding the commencement of the astrono-

meal day, and likewise consists of 24 hours; but these are separated into two periods of 12 hours each, those situated between midnight and noon being called morning hours (written A. M.), and those between noon and midnight afternoon hours (written P. M.). The sidereal day commences at the instant of the passage over the meridian of the Vernal Equinox, or first point of Aries. It is divided into 24 sidereal hours counted from 0 to 24.

In this Almanac is used the *mean astronomical* time for the rising, setting &c. of the moon and planets, and the *civil* time for the rest. To each month of the Almanac there are devoted two pages. In the first page of each month, the first column contains the day of the week, the second the day of the month and the third the corresponding Malabar date.

The sun's rising and setting given in the 4th and 5th columns, though affording a less accurate means of regulating clocks and watches, than direct observations of the sun's altitude, may yet be useful for common purposes. The times are given to the nearest minute, of the sun's centre being in the horizon, and they include the equation of time and the effect of refraction.

The moon's age (Thithi) at Mean Noon, given in the 6th column is the mean time elapsed since the moon's conjunction with the sun, or since the sun and moon had the same longitude. The numbers in this column represent her age at Trevandrum and are expressed in days, and decimal parts of a day.

The columns 7, 8 and 9 contain the moon's rising, meridian passage and setting.

The mean time of the moon's rising and setting is given to the nearest minute; this will be found useful to persons travelling and in many other ways.

The moon's meridian passage indicates the time, at which the moon's centre is on the *upper* meridian of Trevandrum, and is useful in finding the time of high water. When a line is drawn across the column of "Meridian Passage," we are to understand that the moon does not pass the *upper* meridian on that day at Trevandrum. This is the case one day in each Lunation, and arises from the circumstances of the Lunar day being greater than the Mean solar day, and including it within its limits. For the same reason there are some days on which the moon *does not rise*, and others on which it *does not set*.

In the second page of each month, are given first the phases of the moon, and second the rising, meridian passage, setting and declination of the 6 principal planets. The phases of the moon.—The numbers denote the mean time, at which the difference of Longitude between the sun and the moon is 0° , 90° , 180° or 270° , being

- 0° at the New Moon
- 90° at the First Quarter
- 180° at the Full Moon
- 270° at the Last Quarter.

The moon's Apogee and Perigee.—The numbers here given indicate, to the nearest hour, at which the moon is respectively at her greatest and least distance from the earth.

The Planets' rising, setting and meridian passage.—As in the instance of the moon before mentioned, the times noted, indicate the positions of these planets given for every tenth day, and for any time intermediate, they may be found by interpolation.

The Declination indicates their relative position with reference to the Equator, north or south.

English and Malabar months.

ENGLISH.		MALABAR.	
January	1	18th Margaly.	
"	13	1st Tye or Magaram.	
February	11	1st Mausy or Coombhum.	
March	12	1st Punguny or Meaum.	
April	12	1st Chittany or Madum.	
May	12	1st Vuikausy or Eddavum.	
June	13	1st Anny or Methaum.	
July	15	1st Audy or Carcadagum.	
August	15	1st Auvany or Chingum.	
September	15	1st Purattasy or Cunny.	
October	15	1st Arpasy or Toolam.	
November	14	1st Kartigay or Vrecheem.	
December	14	1st Margaly or Dhanoo.	
"	31	18th Margaly.	

English and Corresponding Malabar years.

ENGLISH. MALABAR.	ENGLISH. MALABAR.	ENGLISH. MALABAR.	ENGLISH. MALABAR.
1801... 976-7	1826...1001-2	1851...1026-7	1876...1051-2
1802... 977-8	1827...1002-3	1852...1027-8	1877...1052-3
1803... 978-9	1828...1003-4	1853...1028-9	1878...1053-4
1804... 979-0	1829...1004-5	1854...1029-0	1879...1054-5
1805... 980-1	1830...1005-6	1855...1030-1	1880...1055-6
1806... 981-2	1831...1006-7	1856...1031-2	1881...1056-7
1807... 982-3	1832...1007-8	1857...1032-3	1882...1057-8
1808... 983-4	1833...1008-9	1858...1033-4	1883...1058-9
1809... 984-5	1834...1009-0	1859...1034-5	1884...1059-0
1810... 985-6	1835...1010-1	1860...1035-6	1885...1060-1
1811... 986-7	1836...1011-2	1861...1036-7	1886...1061-2
1812... 987-8	1837...1012-3	1862...1037-8	1887...1062-3
1813... 988-9	1838...1013-4	1863...1038-9	1888...1063-4
1814... 989-0	1839...1014-5	1864...1039-0	1889...1064-5
1815... 990-1	1840...1015-6	1865...1040-1	1890...1065-6
1816... 991-2	1841...1016-7	1866...1041-2	1891...1066-7
1817... 992-3	1842...1017-8	1867...1042-3	1892...1067-8
1818... 993-4	1843...1018-9	1868...1043-4	1893...1068-9
1819... 994-5	1844...1019-0	1869...1044-5	1894...1069-0
1820... 995-6	1845...1020-1	1870...1045-6	1895...1070-1
1821... 996-7	1846...1021-2	1871...1046-7	1896...1071-2
1822... 997-8	1847...1022-3	1872...1047-8	1897...1072-3
1823... 998-9	1848...1023-4	1873...1048-9	1898...1073-4
1824... 999-0	1849...1024-5	1874...1049-0	1899...1074-5
1825...1000-1	1850...1025-6	1875...1050-1	1900...1075-6

Eclipses

OF THE SUN AND MOON FOR THE YEAR,
1884.

In the year 1884 there will be three Eclipses of the Sun, and two of the Moon.

I. A Partial Eclipse of the Sun, March 26, 1884, invisible at Trevandrum.

II. A Total Eclipse of the Moon, April 10, 1884, partly visible at Trevandrum.

	<i>d.</i>	<i>h.</i>	<i>m.</i>
First contact with the Penumbra	April 10	1	50.6 P. M.
First contact with the Shadow	"	3	0.5 "
Beginning of Total Phase	"	4	8.3 "
Middle of the Eclipse	"	4	54.6 "
End of Total Phase	"	5	40.9 "
Last contact with the Shadow	"	6	48.7 "
Last contact with the Penumbra	"	7	58.6 "
Entire duration	6 $\frac{1}{2}$ 8 $\frac{1}{2}$ m.		
Duration from the first to the last contact with the dark Shadow	5 $\frac{1}{2}$ 48.2 m.		

Magnitude of the Eclipse (Moon's diameter=1) 1.431.

The first contact with the shadow occurs at 94° from the Northernmost point of the Moon's limb towards the east.

The last contact at 61° towards the West; in each case, for direct image.

At Trevandrum, the Moon rises at 6 $\frac{1}{2}$ 10 $\frac{1}{2}$ P. M. 30 minutes after the end of Total Phase.

III. A Partial Eclipse of the Sun, April 25, 1884 invisible at Trevandrum.

IV. A Total Eclipse of the Moon, October 5, 1884, visible at Trevandrum.

	<i>d.</i>	<i>h.</i>	<i>m.</i>
First contact with the Penumbra	October 5	0	24.8 A. M.
First contact with the Shadow	"	1	23.2 "
Beginning of Total Phase	"	2	29.8 "
Middle of the Eclipse	"	3	10.0 "
End of Total Phase	"	3	56.2 "
Last contact with the Shadow	"	4	56.8 "
Last contact with the Penumbra	"	5	55.2 "
Entire duration	5 $\frac{1}{2}$ 31 m.		
Duration from the first to the last contact with the dark Shadow	3 $\frac{1}{2}$ 33.6 m.		

Magnitude of the Eclipse (Moon's Diameter=1) 1.525.

The first contact with the shadow occurs at 88° from the Northernmost point of the Moon's limb towards the east.

The last contact, 118° towards the west; in each case, for direct image.

V. A Partial Eclipse of the Sun, October 18, 1884, invisible at Trevandrum.

JANUARY

1884
1059

Day of Week.	Day of Month.	Malabar Date.	SUN'S		MOON'S			
			Mean Time Trevundrum.		Age.	Mean Time Trevundrum.		
			Rising.	Setting.		Rising.	Meridian Passage.	Setting.
			<i>h m</i>	<i>h m</i>	<i>d</i>	<i>h m</i>	<i>h m</i>	<i>h m</i>
Tues.	1	13	6 16	5 52	2-8	20 16	2 18	8 22
Wed.	2	19	6 17	5 52	3-8	21 2	3 7	9 13
Thur.	3	20	6 17	5 53	4-8	21 48	3 56	10 5
Fri.	4	21	6 17	5 53	5-8	22 35	4 45	10 57
Sat.	5	22	6 17	5 54	6-8	23 22	5 35	11 50
SUN.	6	23	6 18	5 54	7-8	—	6 27	12 45
Mon.	7	24	6 18	5 55	8-8	0 10	7 21	13 43
Tues.	8	25	6 19	5 55	9-8	1 1	8 18	14 42
Wed.	9	26	6 19	5 56	10-8	1 55	9 17	15 42
Thur.	10	27	6 19	5 56	11-8	2 52	10 16	16 42
Fri.	11	28	6 19	5 57	12-8	3 51	11 16	17 40
Sat.	12	29	6 20	5 57	13-8	4 51	12 13	18 35
SUN.	13	1	6 20	5 58	14-8	5 50	13 8	19 27
Mon.	14	2	6 20	5 58	15-8	6 47	13 59	20 15
Tues.	15	3	6 21	5 59	16-8	7 42	14 48	21 0
Wed.	16	4	6 21	5 59	17-8	8 33	15 34	21 43
Thur.	17	5	6 21	6 0	18-8	9 23	16 18	22 25
Fri.	18	6	6 21	6 0	19-8	10 10	17 2	23 7
Sat.	19	7	6 21	6 1	20-8	10 57	17 46	23 48
SUN.	20	8	6 21	6 1	21-8	11 43	18 30	—
Mon.	21	9	6 22	6 2	22-8	12 29	19 16	0 31
Tues.	22	10	6 22	6 2	23-8	13 16	20 2	1 15
Wed.	23	11	6 22	6 2	24-8	14 4	20 51	2 1
Thur.	24	12	6 22	6 3	25-8	14 52	21 40	2 49
Fri.	25	13	6 22	6 3	26-8	15 42	22 31	3 39
Sat.	26	14	6 22	6 4	27-8	16 31	23 21	4 30
SUN.	27	15	6 22	6 4	28-8	17 21	—	5 23
Mon.	28	16	6 22	6 4	0-1	18 10	0 12	6 15
Tues.	29	17	6 22	6 5	1-1	18 58	1 2	7 8
Wed.	30	18	6 22	6 5	2-1	19 46	1 52	8 1
Thur.	31	19	6 22	6 5	3-1	20 33	2 42	8 53

JANUARY

1884
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Phases of the Moon.

	d.	h.	m.		d.	h.	m.
First Quarter.	6	2	43.1 A.M.	New Moon	28	10	9.2 A.M.
Full Moon	12	8	35.1 P.M.	Perigee	9	10	P.M.
Last Quarter.	20	10	31.3 A.M.	Apogee	21	4	"

The Planets.

♿ MERCURY.										♀ VENUS.										♂ MARS.									
Date.	Rising.	Merid. Passage.	Set-ting.	Declination.	Rising.	Merid. Passage.	Set-ting.	Declination.	Rising.	Merid. Passage.	Set-ting.	Declination.	Rising.	Merid. Passage.	Set-ting.	Declination.	Rising.	Merid. Passage.	Set-ting.	Declination.									
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.								
1	19 39	1 25	7 17	S 21 47	20 3	1 50	7 37	S 20 29	8 45	14 05	21 7	N 17 54																	
10	19 27	1 10	7 5	17 50	20 13	2 2	7 51	17 4	7 37	14 0	20 31	18 52																	
21	18 8	0 25	8 46	16 39	20 10	2 11	8 3	12 51	7 4	13 17	19 30	20 0																	
31	16 58	25 4	4 24	S 16 58	20 23	2 18	8 19	S 8 4	6 9	12 22	18 38	N 21 24																	

♃ JUPITER.										♄ SATURN.										♅ URANUS.									
Date.	Rising.	Merid. Passage.	Set-ting.	Declination.	Rising.	Merid. Passage.	Set-ting.	Declination.	Rising.	Merid. Passage.	Set-ting.	Declination.	Rising.	Merid. Passage.	Set-ting.	Declination.	Rising.	Merid. Passage.	Set-ting.	Declination.									
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.								
1	7 20	13 59	19 46	N 23 13	3 15	9 27	15 39	N 19 8	11 9	17 10	23 11	N 1 28																	
11	6 36	12 49	19 2	30 31	2 34	8 45	14 58	19 2	10 28	16 29	22 30	1 27																	
21	5 51	12 4	18 17	20 59	1 43	8 6	14 37	18 1	9 69	15 45	21 31	1 30																	
31	5	9 11	10 17	25 N 21 8	1 13	7 24	13 47	N 19 2	9 9	13 30	21 11	N 1 35																	

The mean fall of rain from 43 years' observations (1838-80) in January at Trevandrum Observatory is seven-tenths of an inch (0.70in.)

In the eleven years 1840, 54, 56, 60, 64, 65, 67, 72, 75, 76 and 79 no rain fell in January.

There are equal chances that the fall of rain in January will be under or above three-tenths of an inch (0.3in.)

There are four chances to one that the fall will not be more than one inch and two-tenths (1.2in.)

There are also four chances to one that there will be rain in January.

The greatest falls in January were in 1853, 4.3in., in 1871, 2.9in., in 1845, 2.7in., in 1842, 2.7in., and in 1868, 2.3in.

✓ The least fall was in January 1850, 0.004in.

The average number of days in which rain fell in January was two and two-tenths (2.2).

The average daily fall of rain on the days during which it rained in January was (0.31in.)

The mean difference for January is 0.55.

* The difference of the monthly falls from the mean of the whole forty-three months being taken, and the sum of the differences being divided by 43, the mean difference is obtained. This mean difference is a measure of the variability of the amount of fall for the month in different years.

FEBRUARY

1884
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Phases of the Moon.

	d.	h.	m.		d.	h.	m.
☾ First Quarter.	4	11	5-2	A.M.	☾ New Moon.	26	11 43:0 P.M.
☾ Full Moon....	11	9	55-9	"	☾ Perigee.....	5	2 A.M.
☾ Last Quarter.	19	8	20-7	"	☾ Apogee.....	18	1 P.M.

The Planets.

Date.	♿ MERCURY.					♀ VENUS.					♂ MARS.				
	Rising.	Merid. Passage.	Setting.	Decl. north.		Rising.	Merid. Passage.	Setting.	Decl. north.		Rising.	Merid. Passage.	Setting.	Decl. north.	
	h. m.	h. m.	h. m.	h. m.	° ' "	h. m.	h. m.	h. m.	h. m.	° ' "	h. m.	h. m.	h. m.	h. m.	° ' "
1	16 54	22 43	4 30	8 19	4 20 23	2 18	8 13	8 7 34	6 4	15 17	18 30	N 21	21		
11	16 41	22 28	4 15	20	6 20 26	2 24	8 22	8 5 23	5 8	11 23	17 36	N 22	21		
21	16 49	22 37	4 25	19 10	20 26	2 28	8 30	N 2 43	4 14	10 29	16 44	N 23	7		
29	17 2	22 31	4 30	17 4	20 27	2 31	8 38	N 6 55	3 36	9 51	16 4	N 23	15		

Date.	♃ JUPITER.					♄ SATURN.					♅ URANUS.				
	Rising.	Merid. Passage.	Setting.	Decl. north.		Rising.	Merid. Passage.	Setting.	Decl. north.		Rising.	Merid. Passage.	Setting.	Decl. north.	
	h. m.	h. m.	h. m.	h. m.	° ' "	h. m.	h. m.	h. m.	h. m.	° ' "	h. m.	h. m.	h. m.	h. m.	° ' "
1	5 1	11 14	17 27	N 31	6 1 9	7 21	13 33	N 19	2	9 5	15 6	21 7	N 1	36	
11	4 17	10 30	16 43	21 24	6 30	6 42	12 51	19 8	8 24	14 26	20 23			1 44	
21	3 34	9 47	16 0	21 36	23 22	6 1	12 16	19 11	7 43	13 44	19 45			1 52	
29	2 53	9 15	15 27	N 21	43	23 21	8 32	11 45	N 19	16	7 11	13 12	13 13	N 2	3

The mean fall of rain is 0.55in.

No rain fell in 18 of the 43 months (1838-80.)

There are equal chances that the fall will be more or less than 0.07in.

There are four chances to one that the fall will not be more than 0.9in.

There are also four chances to one that there will be rain in February.

The greatest falls in February were in 1847, 4.41in., and in 1855, 3.02in.

The least fall was 0.035in.

The average number of days in which rain fell in February was 1.6d.

The average daily fall of rain on the days during which it rained in February is 0.34in.

The mean difference for February is 0.41in.

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MARCH

Day of Week.	Day of Month.	Malabar date.	SUN'S		Age.	MOON'S		
			Mean Time Trevandrum.			Mean Time Trevandrum.		
			Rising.	Setting.		Mean Noon.	Rising.	Meridian Passage.
Sat.	1	20	6 15	6 10	3-5	20 55	3 13	9 32
SUN.	2	Coombum or Mausy.	6 15	6 10	4-5	21 47	4 8	10 30
Mon.	3		6 14	6 10	5-5	22 42	5 5	11 28
Tues.	4		6 14	6 10	6-5	23 38	6 2	12 27
Wed.	5		6 13	6 16	7-5	—	6 59	13 23
Thur.	6		6 13	6 10	8-5	0 34	7 55	14 18
Fri.	7		6 12	6 10	9-5	1 31	8 49	15 10
Sat.	8		6 12	6 10	10-5	2 27	9 41	15 59
SUN.	9		28	6 11	6 10	11-5	3 21	10 31
Mon.	10	29	6 11	6 10	12-5	4 14	11 18	17 30
Tues.	11	30	6 10	6 10	13-5	5 4	12 4	18 14
Wed.	12	1	6 10	6 10	14-5	5 53	12 49	18 56
Thur.	13	2	6 9	6 10	15-5	6 41	13 34	19 38
Fri.	14	3	6 9	6 10	16-5	7 28	14 18	20 21
Sat.	15	4	6 8	6 10	17-5	8 15	15 3	21 4
SUN.	16	5	6 8	6 10	18-5	9 2	15 49	21 48
Mon.	17	6	6 7	6 10	19-5	9 49	16 35	22 34
Tues.	18	7	6 7	6 10	20-5	10 37	17 23	23 21
Wed.	19	8	6 6	6 10	21-5	11 24	18 11	—
Thur.	20	9	6 6	6 10	22-5	12 13	19 0	0 10
Fri.	21	10	6 5	6 10	23-5	13 1	19 49	1 0
Sat.	22	11	6 4	6 10	24-5	13 49	20 39	1 51
SUN.	23	12	6 4	6 10	25-5	14 37	21 30	2 42
Mon.	24	13	6 3	6 10	26-5	15 25	22 21	3 35
Tues.	25	14	6 3	6 9	27-5	16 13	23 12	4 29
Wed.	26	15	6 3	6 9	28-5	17 2	—	5 24
Thur.	27	16	6 2	6 9	29-1	17 52	0 6	6 21
Fri.	28	17	6 1	6 9	1-1	18 44	1 1	7 19
Sat.	29	18	6 1	6 9	2-1	19 38	1 57	8 19
SUN.	30	19	6 0	6 9	3-1	20 33	2 56	9 19
Mon.	31	20	6 0	6 9	4-1	21 30	3 55	10 19

MARCH

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Phases of the Moon.

	d.	h.	m.		d.	h.	m.
First Quarter.	4	6	41.1 P.M.	(Perigee.....	1	11	A.M.
Full Moon ...	12	0	48.0 A.M.	(Apogee.....	17	10	"
Last Quarter.	20	4	21.0 A.M.	(Perigee.....	29	6	"
New Moon ...	27	10	55.5 A.M.				

The Planets.

Date.	♿ MERCURY.				♀ VENUS.				♂ MARS.			
	Rising.	Merid. Passage.	Setting.	Decl. noon.	Rising.	Merid. Passage.	Setting.	Decl. noon.	Rising.	Merid. Passage.	Setting.	Decl. noon.
	A. M.	A. M.	A. M.	° ' "	A. M.	A. M.	A. M.	° ' "	A. M.	A. M.	A. M.	° ' "
1	17 3	22 53	4 45	S 16 43	50 25	2 52	8 58	N 7 29	3 31	9 46	16 1	N 23 18
11	17 22	23 15	5 8	S 11 47	50 59	3 36	9 43	12 31	2 49	9 4	15 19	22 8
21	17 45	23 42	5 39	S 4 51	50 31	4 41	9 51	16 47	2 13	8 58	14 40	22 42
31	18 8	0 10	6 13	N 3 53	50 34	5 47	9 0	N 30 33	1 39	7 53	14 7	N 22 0

Date.	♃ JUPITER.				♄ SATURN.				♅ URANUS.			
	Rising.	Merid. Passage.	Setting.	Decl. noon.	Rising.	Merid. Passage.	Setting.	Decl. noon.	Rising.	Merid. Passage.	Setting.	Decl. noon.
	A. M.	A. M.	A. M.	° ' "	A. M.	A. M.	A. M.	° ' "	A. M.	A. M.	A. M.	° ' "
1	2 55	9 15	15 23	N 21 43	23 18	5 50	11 42	N 19 17	7 7	13 8	19 0	N 2 1
11	2 14	8 26	14 42	N 21 48	23 41	4 53	11 5	19 36	6 56	12 27	18 28	2 11
21	1 36	7 48	14 3	N 21 50	23 4	4 16	10 38	19 36	6 45	11 46	17 47	2 22
31	0 55	7 9	13 23	N 21 46	21 29	3 41	9 53	N 19 47	5 4	11 5	17 6	N 2 32

The mean fall of rain is 1.65in.

No months without rain.

There are equal chances that the fall will be more or less than 1.1in.

There are four chances to one that the fall will not be more than 2.6in., nor less than 0.5in.

The greatest falls in March were in 1853, 8.40in., and in 1845, 5.4in.

The least falls were in 1850, 0.05in., in 1851, 0.18in., and in 1864, 0.01in.

The average number of days in which rain fell in March was 4.0d.

The average daily fall of rain on the days during which it rained in March was 6.4in.

The mean difference for March is 1.07in.

APRIL

1884
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Phases of the Moon.

	d.	h.	m.		d.	h.	m.
☾ First Quarter.	3	2	25.0 A.M.	● New Moon.	25	8	5.6 P.M.
☾ Full Moon....	10	4	52.1 P.M.	(Apogee.....	14	12	Midnight
(Last Quarter.	18	9	2.7 P.M.	(Perigee.....	26	2	P.M.

The Planets.

♿ MERCURY.					♀ VENUS.					♂ MARS.				
Date.	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.		
	A. M.	A. M.	A. M.	° ' "	A. M.	A. M.	A. M.	° ' "	A. M.	A. M.	A. M.	° ' "		
1	18 10	0 13	6 16	N 4 49	20 35	3 48	9 1	N 29 58	1 38	7 50	14 4	N 21 65		
11	18 41	0 49	6 57	13 58	20 40	2 55	9 10	23 49	1 7	7 20	13 33	20 59		
21	19 0	1 13	7 25	25 26	20 45	3 1	9 17	35 46	0 42	6 44	13 6	19 53		
30	18 59	1 13	7 27	N 22 40	20 49	3 0	9 23	N 26 40	0 10	6 31	12 43	N 18 42		

♃ JUPITER.					♄ SATURN.					♅ URANUS.				
Date.	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.		
	A. M.	A. M.	A. M.	° ' "	A. M.	A. M.	A. M.	° ' "	A. M.	A. M.	A. M.	° ' "		
1	0 52	7 6	13 20	N 21 47	31 26	3 37	9 49	N 19 43	5 0	11 1	17 2	N 3 35		
11	0 14	6 28	12 42	21 41	30 50	3 3	9 14	20 0	4 18	10 20	16 22	2 42		
21	23 49	5 53	12 6	21 32	30 14	2 37	8 40	20 12	3 38	9 40	15 42	2 50		
30	25 8	5 21	11 34	N 21 21	19 43	1 36	8 9	N 20 23	2 57	8 59	15 1	N 2 56		

—The mean fall of rain is 4.58in.

No months without rain.

There are equal chances that the fall will be more or less than 4.17in.

There are four chances to one that the fall will not exceed 6.39in., and that it will not be below 1.74in.

The greatest falls in April were in 1859, 17.27in., in 1856, 10.9in., and in 1843 10.47in.

The least falls were in 1854, 0.32in., and in 1879, 0.49in.

The average number of days in which rain fell in April was 9.7d.

The average daily fall of rain on the days during which it rained in April was 0.47in.

The mean difference for April is 2.49in.

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MAY

Day of Week.	Day of Month.	Malabar date.	SUN'S			MOON'S		
			Mean Time Trevandrum.		Age.	Mean Time Trevandrum.		
			Rising.	Setting.		Rising.	Meridian Passage.	Setting.
			<i>h m</i>	<i>h m</i>	<i>d</i>	<i>h m</i>	<i>h m</i>	<i>h m</i>
Thur.	1	20	5 45	6 9	5.7	23 12	5 34	11 53
Fri.	2	21	5 45	6 9	6.7	— —	6 25	12 42
Sat.	3	22	5 45	6 9	7.7	0 6	7 13	13 27
SUN.	4	23	5 45	6 9	8.7	0 58	8 0	14 11
Mon.	5	24	5 41	6 9	9.7	1 47	8 44	14 53
Tues.	6	25	5 44	6 9	10.7	2 35	9 28	15 34
Wed.	7	26	5 44	6 9	11.7	3 21	10 12	16 16
Thur.	8	27	5 43	6 9	12.7	4 7	10 56	16 58
Fri.	9	28	5 43	6 9	13.7	4 54	11 41	17 42
Sat.	10	29	5 43	6 9	14.7	5 40	12 27	18 26
SUN.	11	30	5 43	6 10	15.7	6 28	13 14	19 13
Mon.	12	1	5 43	6 10	16.7	7 15	14 1	20 0
Tues.	13	2	5 42	6 10	17.7	8 2	14 49	20 48
Wed.	14	3	5 42	6 10	18.7	8 51	15 37	21 37
Thur.	15	4	5 42	6 10	19.7	9 38	16 25	22 26
Fri.	16	5	5 42	6 10	20.7	10 25	17 13	23 15
Sat.	17	6	5 42	6 11	21.7	11 11	18 0	— —
SUN.	18	7	5 42	6 11	22.7	11 56	18 49	0 6
Mon.	19	8	5 42	6 11	23.7	12 42	19 38	0 57
Tues.	20	9	5 41	6 11	24.7	13 28	20 29	1 49
Wed.	21	10	5 41	6 11	25.7	14 16	21 23	2 44
Thur.	22	11	5 41	6 11	26.7	15 6	22 19	3 41
Fri.	23	12	5 41	6 12	27.7	16 0	23 19	4 41
Sat.	24	13	5 41	6 12	28.7	16 56	— —	5 44
SUN.	25	14	5 41	6 12	0.4	17 56	0 21	6 47
Mon.	26	15	5 41	6 12	1.4	18 57	1 23	7 49
Tues.	27	16	5 41	6 13	2.4	19 59	2 24	8 49
Wed.	28	17	5 41	6 13	3.4	20 59	3 23	9 45
Thur.	29	18	5 41	6 13	4.4	21 57	4 18	10 36
Fri.	30	19	5 41	6 13	5.4	22 51	5 9	11 24
Sat.	31	20	5 41	6 14	6.4	23 43	5 57	12 9

MAY

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Phases of the Moon.

	d.	h.	m.		d.	h.	m.
First Quarter.	2	11	15.6 A.M.	First Quarter.	31	10	4.4 P.M.
Full Moon ...	10	9	15.7 A.M.	Apogee	11	5	A.M.
Last Quarter.	18	10	2.4 A.M.	Perigee	25	12	Midnight
New Moon ...	25	3	44.6 A.M.				

The Planets.

Date.	♿ MERCURY.				♀ VENUS.				♂ MARS.			
	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.
1	h. m.	h. m.	h. m.	° ' "	h. m.	h. m.	h. m.	° ' "	h. m.	h. m.	h. m.	° ' "
11	15 57	1 11	7 25	N 22 42	25 50	3 7	9 24	N 20 45	0 18	6 25	12 40	N 18 34
17	18 21	0 34	6 47	21 5	29 52	3 9	9 58	50 43	23 57	5 7	12 17	17 4
21	17 19	23 30	5 41	17 11	27 50	3 7	9 24	25 38	23 35	5 44	11 53	16 24
27	16 35	22 44	4 53	N 14 47	20 43	2 57	9 12	N 24 21	22 16	5 24	11 32	N 13 24

Date.	♃ JUPITER.				♄ SATURN.				♅ URANUS.			
	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.
1	h. m.	h. m.	h. m.	° ' "	h. m.	h. m.	h. m.	° ' "	h. m.	h. m.	h. m.	° ' "
1	23 5	6 38	11 31	N 21 20	10 40	1 52	8 6	N 20 25	9 53	5 55	14 67	N 2 57
11	22 31	4 45	10 37	21 4	19 6	1 19	7 52	20 35	3 17	8 19	14 21	3 0
21	21 58	4 11	10 24	20 46	18 32	0 45	6 58	22 48	1 57	7 39	13 41	3 4
31	21 25	3 38	9 51	N 20 24	17 58	0 11	6 24	N 20 59	0 58	7 0	13 2	N 3 3

The mean fall of rain is 9.98in.

No months without rain.

There are equal chances that the fall will be more or less than 6.85in.

There are four chances to one that the fall will not exceed 14.34in., and that it will not be below 4.07in.

The greatest falls in May were in 1852, 38.7in., in 1858, 38.10in., and in 1879, 25.25in.

The least falls were in 1870, 0.36in., and in 1866, 0.77in.

The average number of days in which rain fell in May was 14.6d.

The average daily fall of rain on the days during which it rained in May was 0.68in.

The mean difference for May is 5.98in.

1884 1059		JUNE									
Day of Week.	Day of Month.	Malabar date.	SUN'S			MOON'S					
			Mean Time Trevandrum.		Age.	Mean Time Trevandrum.					
			Rising.	Setting.		Mean Noon.	Rising.	Meridian Passage.	Setting.		
			<i>h m</i>	<i>h m</i>	<i>d</i>	<i>h m</i>	<i>h m</i>	<i>h m</i>	<i>h m</i>	<i>h m</i>	<i>h m</i>
SUN.	1	21	5 41	6 14	7-4	— —	6 43	12 52			
Mon.	2	22	5 41	6 14	8-4	0 32	7 27	13 34			
Tues.	3	23	5 41	6 14	9-4	1 19	8 11	14 15			
Wed.	4	24	5 41	6 15	10-4	2 5	8 53	14 57			
Thur.	5	25	5 42	6 15	11-4	2 51	9 39	15 40			
Fri.	6	26	5 42	6 15	12-4	3 38	10 25	16 21			
Sat.	7	27	5 42	6 15	13-4	4 25	11 11	17 10			
Eddavum or Vaikauy											
SUN.	8	28	5 43	6 16	14-4	5 12	11 59	17 57			
Mon.	9	29	5 42	6 16	15-4	6 0	12 47	18 45			
Tues.	10	30	5 42	6 16	16-4	6 48	13 35	19 34			
Wed.	11	31	5 42	6 16	17-4	7 36	14 23	20 23			
Thur.	12	32	5 42	6 17	18-4	8 23	15 10	21 12			
Fri.	13	1	5 43	6 17	19-4	9 9	15 58	22 2			
Sat.	14	2	5 43	6 17	20-4	9 54	16 45	22 51			
Aunyy											
SUN.	15	3	5 43	6 17	21-4	10 39	17 32	23 42			
Mon.	16	4	5 43	6 18	22-4	11 24	18 21	— —			
Tues.	17	5	5 43	6 18	23-4	12 10	19 12	0 34			
Wed.	18	6	5 43	6 18	24-4	12 57	20 4	1 28			
Thur.	19	7	5 44	6 18	25-4	13 48	21 12	2 25			
Fri.	20	8	5 44	6 19	26-4	14 41	22 1	3 25			
Sat.	21	9	5 44	6 19	27-4	15 37	23 43	4 26			
Mechumum or Aunyy											
SUN.	22	10	5 44	6 19	28-4	16 37	— —	5 29			
Mon.	23	11	5 45	6 19	0-1	17 39	0 5	6 30			
Tues.	24	12	5 45	6 19	1-1	18 41	1 6	7 29			
Wed.	25	13	5 45	6 20	2-1	19 41	2 4	8 34			
Thur.	26	14	5 45	6 20	3-1	20 39	2 58	9 16			
Fri.	27	15	5 45	6 20	4-1	21 33	3 49	10 3			
Sat.	28	16	5 46	6 20	5-1	22 25	4 37	10 48			
Mechumum or Aunyy											
SUN.	29	17	5 46	6 20	6-1	23 14	5 23	11 31			
Mon.	30	18	5 46	6 20	7-1	— —	6 8	12 13			
...	...	...	...	...	...	...	...	...	...	...	...

JUNE

1824
1059

Phases of the Moon.

	d.	h.	m.		d.	h.	m.
☾ Full Moon...	9	0	57.2 A.M.	☽ First Quarter.	30	11	22.8 A.M.
☾ Last Quarter.	16	7	42.4 P.M.	☾ Apogee.....	7	8	A.M.
● New Moon.	23	10	41.1 A.M.	☾ Perigee.....	22	9	A.M.

The Planets.

♂ MERCURY.										♀ VENUS.			♂ MARS.		
Date.	Rising.	Merid. Passage.	Set-ting.	Declination.	Rising.	Merid. Passage.	Set-ting.	Declination.	Rising.	Merid. Passage.	Set-ting.	Declination.			
1	h. m.	d. m.	d. m.	° ' "	h. m.	d. m.	d. m.	° ' "	h. m.	d. m.	d. m.	° ' "			
11	10 32	22 41	4 55	N 14 44	20 41	3 56	9 11	N 34 10	23 15	5 21	13 29	N 15 23			
21	10 15	22 25	4 35	16 4	20 21	2 33	8 49	32 16	22 55	5 2	11 9	11 22			
30	10 32	22 24	4 46	10 35	19 48	2 1	8 14	30 29	22 38	4 43	10 46	9 13			
31	10 51	23 5	5 19	N 23 41	19 4	1 16	7 28	N 18 45	22 22	4 26	10 39	N 7 10			

♂ JUPITER.										♂ SATURN.			♂ URANUS.		
Date.	Rising.	Merid. Passage.	Set-ting.	Declination.	Rising.	Merid. Passage.	Set-ting.	Declination.	Rising.	Merid. Passage.	Set-ting.	Declination.			
1	h. m.	d. m.	d. m.	° ' "	h. m.	d. m.	d. m.	° ' "	h. m.	d. m.	d. m.	° ' "			
11	21 25	8 35	9 48	N 20 22	17 34	0 7	6 59	N 31 0	0 54	6 56	12 58	N 3 4			
21	20 51	5 3	9 15	19 57	17 17	25 30	5 43	21 10	0 15	6 17	12 19	3 3			
30	20 29	2 32	8 44	19 40	16 43	22 56	5 1	21 18	23 36	5 38	11 49	2 59			
31	19 52	2 4	8 16	N 19 3	16 13	23 26	4 20	N 21 25	23 1	5 3	11 5	N 2 54			

The mean fall of rain is 12.71in.

No months without rain.

There are equal chances that the fall will be more or less than 11.46in.

There are four chances to one that the fall will not exceed 16.23in., and that it will not be below 7.16in.

The greatest falls in June were in 1864, 32.79in., in 1878, 28.15in., in 1877, 23.24in., in 1863, 31.46in., and in 1846, 21.23in.

The least falls were in 1879, 3.82in., and in 1860, 3.83in.

The average number of days in which rain fell in June was 22.5d.

The average daily fall of rain on the days during which it rained in June was 0.56in.

The mean difference for June is 5.0in.

1894
1059

JULY

Day of Week.	Day of Month.	Malabar Date.	SUN'S		Age.	MOON'S			
			Mean Time Trevandrum.			Mean Noon.	Mean Time Trevandrum.		
			Rising.	Setting.			Rising.	Meridian Passage.	Setting.
			<i>h m</i>	<i>h m</i>	<i>d</i>	<i>h m</i>	<i>h m</i>	<i>h m</i>	
Tues.	1	19	5 46	6 21	8-1	9 1	6 52	12 55	
Wed.	2	20	5 47	6 21	9-1	0 48	7 37	13 38	
Thur.	3	21	5 47	6 21	10-1	1 35	8 22	14 22	
Fri.	4	22	5 47	6 21	11-1	2 21	9 8	15 7	
Sat.	5	23	5 47	6 21	12-1	3 9	9 55	15 53	
Methunum or Anny.									
SUN.	6	24	5 48	6 21	13-1	3 56	10 43	16 41	
Mon.	7	25	5 48	6 21	14-1	4 44	11 31	17 30	
Tues.	8	26	5 48	6 21	15-1	5 33	12 20	18 20	
Wed.	9	27	5 48	6 21	16-1	6 20	13 8	19 10	
Thur.	10	28	5 49	6 21	17-1	7 7	13 56	19 59	
Fri.	11	29	5 49	6 22	18-1	7 54	14 43	20 49	
Sat.	12	30	5 49	6 22	19-1	8 39	15 31	21 40	
Caracadagum or Andy.									
SUN.	13	31	5 49	6 22	20-1	9 24	16 19	22 30	
Mon.	14	32	5 49	6 22	21-1	10 9	17 8	23 23	
Tues.	15	1	5 50	6 22	22-1	10 55	17 59	—	
Wed.	16	2	5 50	6 22	23-1	11 43	18 52	0 17	
Thur.	17	3	5 50	6 22	24-1	12 33	19 48	1 13	
Fri.	18	4	5 50	6 21	25-1	13 26	20 47	2 12	
Sat.	19	5	5 50	6 21	26-1	14 23	21 48	3 12	
SUN.	20	6	5 51	6 21	27-1	15 22	22 48	4 13	
Mon.	21	7	5 51	6 21	28-1	16 23	23 47	5 13	
Tues.	22	8	5 51	6 21	29-1	17 23	—	6 9	
Wed.	23	9	5 51	6 21	0-8	18 23	0 44	7 3	
Thur.	24	10	5 51	6 21	1-8	19 19	1 37	7 53	
Fri.	25	11	5 52	6 21	2-8	20 13	2 28	8 40	
Sat.	26	12	5 52	6 21	3-8	21 4	3 16	9 25	
SUN.	27	13	5 52	6 21	4-8	21 54	4 2	10 9	
Mon.	28	14	5 52	6 20	5-8	22 42	4 47	10 52	
Tues.	29	15	5 52	6 20	6-8	23 29	5 32	11 34	
Wed.	30	16	5 52	6 20	7-8	—	6 17	12 18	
Thur.	31	17	5 52	6 20	8-8	0 16	7 3	13 2	

JULY

1884
1059

Phases of the Moon.

	d.	h.	m.		d.	h.	m.
☾ Full Moon ...	8	3	18.3 P.M.	☽ First Quarter...	30	3	9.3 A.M.
☾ Last Quarter. 16	2	46.8 A.M.	☾ Apogee.....	4	6		P.M.
● New Moon ...	22	6	2.1 P.M.	☾ Perigee.....	20	12	Noon.

The Planets.

♿ MERCURY.					♀ VENUS.					♂ MARS.				
Date.	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.		
	A. M.	A. M.	A. M.	° ' "	A. M.	A. M.	A. M.	° ' "	A. M.	A. M.	A. M.	° ' "		
1	16 55	23 10	5 26	N 23 5	18 50	1 10	7 21	N 18 35	22 20	4 24	10 28	N 4 56		
11	17 45	0 0	6 15	23 40	17 54	0 5	6 15	17 15	22 3	4 6	10 9	4 33		
21	18 34	0 48	6 53	20 2	16 47	22 57	5 7	16 30	21 47	3 45	9 49	N 2 5		
31	19 11	1 13	7 27	N 12 55	15 58	22 3	4 18	N 16 23	21 20	3 30	9 30	S 0 27		

♃ JUPITER.					♄ SATURN.					♅ URANUS.				
Date.	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.		
	A. M.	A. M.	A. M.	° ' "	A. M.	A. M.	A. M.	° ' "	A. M.	A. M.	A. M.	° ' "		
1	19 49	2 1	8 13	N 19 0	16 9	22 22	4 35	N 21 26	22 58	5 0	11 2	N 2 53		
11	19 19	1 30	7 41	18 27	15 35	21 48	4 1	21 33	22 19	4 21	10 23	2 48		
21	18 40	1 0	7 11	17 53	15 1	21 15	3 27	21 38	21 42	3 44	9 48	2 36		
31	18 18	0 25	6 40	N 17 16	14 23	20 39	2 52	N 21 42	21 5	3 8	9 7	N 2 25		

The mean fall of rain is 7.0in.

No months without rain.

There are equal chances that the fall will be more or less than 6.81in.

There are four chances to one that the fall will not be more than 9.36in., nor less than 4.27in.

The greatest falls in July were in 1839, 14.68in., in 1866, 12.92in., in 1843, 12.29in., in 1859, 11.56in., and in 1871, 10.85in.

The least falls were in 1860, 1.5in., in 1877, 2.8in., and 1845, 3.42in.

The average number of days in which rain fell in July was 20.0d.

The average daily fall of rain on the days during which it rained in July was 0.35in.

The mean difference for July is 2.41in.

1884
1059-60

AUGUST

Day of Week.	Day of Month.	Malabar date.	SUN'S		Age.	MOON'S		
			Mean Time Trevandrum.			Mean Time Trevandrum.		
			Rising.	Setting.	Mean Noon.	Rising.	Meridian Passage.	Setting.
			<i>h m</i>	<i>h m</i>	<i>d</i>	<i>h m</i>	<i>h m</i>	<i>h m</i>
Fri.	1	18	5 53	6 20	9-8	1 3	7 50	13 48
Sat.	2	19	5 53	6 19	10-8	1 51	8 37	14 36
SUN.	3	20	5 53	6 19	11-8	2 39	9 26	15 24
Mon.	4	21	5 53	6 19	12-8	3 27	10 14	16 14
Tues.	5	22	5 53	6 19	13-8	4 15	11 3	17 4
Wed.	6	23	5 53	6 18	14-8	5 3	11 52	17 54
Thur.	7	24	5 53	6 18	15-8	5 50	12 40	18 45
Fri.	8	25	5 53	6 18	16-8	6 36	13 28	19 36
Sat.	9	26	5 53	6 17	17-8	7 22	14 17	20 27
SUN.	10	27	5 53	6 17	18-8	8 8	15 6	21 19
Mon.	11	28	5 53	6 17	19-8	8 54	15 56	22 13
Tues.	12	29	5 53	6 16	20-8	9 41	16 49	23 8
Wed.	13	30	5 53	6 16	21-8	10 31	17 43	—
Thur.	14	31	5 53	6 16	22-8	11 22	18 39	0 5
Fri.	15	1	5 53	6 15	23-8	12 16	19 37	1 4
Sat.	16	2	5 53	6 15	24-8	13 13	20 36	2 2
SUN.	17	3	5 53	6 14	25-8	14 11	21 34	3 1
Mon.	18	4	5 53	6 14	26-8	15 10	22 31	3 57
Tues.	19	5	5 53	6 14	27-8	16 9	23 25	4 51
Wed.	20	6	5 53	6 13	28-8	17 5	—	5 42
Thur.	21	7	5 53	6 13	0-4	18 0	0 16	6 31
Fri.	22	8	5 53	6 12	1-4	18 53	1 6	7 17
Sat.	23	9	5 53	6 12	2-4	19 44	1 53	8 2
SUN.	24	10	5 53	6 11	3-4	20 33	2 40	8 45
Mon.	25	11	5 53	6 11	4-4	21 21	3 25	9 29
Tues.	26	12	5 53	6 10	5-4	22 9	4 11	10 12
Wed.	27	13	5 53	6 10	6-4	22 56	4 57	10 57
Thur.	28	14	5 53	6 9	7-7	23 44	5 43	11 42
Fri.	29	15	5 53	6 9	8-7	—	6 30	12 29
Sat.	30	16	5 53	6 8	9-4	0 32	7 18	13 17
SUN.	31	17	5 53	6 8	10-4	1 20	8 6	14 5

AUGUST

1884
1059-60

Phases of the Moon.

	d.	h.	m.		d.	h.	m.	
☾ Full Moon....	7	4	14.7	A.M.	(Apogee.....	1	9	A.M.
☾ Last Quarter. 14	8	16.1	A.M.	(Perigee.....	16	10	P.M.	
● New Moon. 21	3	2.1	A.M.	(Apogee.....	29	4	A.M.	
☾ First Quarter. 28	8	49.9	P.M.					

The Planets.

Date.	♿ MERCURY.				♀ VENUS.				♂ MARS.			
	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.
1	h. m.	h. m.	h. m.	° ' "	h. m.	h. m.	h. m.	° ' "	h. m.	h. m.	h. m.	° ' "
1	19 14	1 22	7 30	N 13 14	16 54	25 1	4 24	N 14 24	31 23	3 29	9 28	S 0 42
11	19 34	1 38	7 42	6 26	16 23	24 32	3 42	16 45	21 14	3 12	9 10	S 3 17
21	19 41	1 41	7 41	7 15	0 21	11 3 22	17 10	21 0	2 58	8 52	8 53	S 5 53
31	19 32	1 29	7 29	8 4 37	14 40	21 1	3 12	N 17 12	20 45	1 49	8 35	S 3 27

Date.	♃ JUPITER.				♄ SATURN.				♅ URANUS.			
	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.
1	h. m.	h. m.	h. m.	° ' "	h. m.	h. m.	h. m.	° ' "	h. m.	h. m.	h. m.	° ' "
1	15 13	6 26	6 37	N 17 12	14 21	39 36	2 49	N 21 43	21 1	3 2	9 2	N 2 24
11	17 42	26 52	0 2	16 34	13 46	23 0	2 14	21 47	20 24	2 25	8 26	2 12
21	17 12	25 22	0 32	16 56	13 10	19 24	1 38	21 49	19 46	1 47	7 48	1 68
31	16 42	25 51	5 0	N 15 16	13 34	18 48	1 2	N 21 51	19 9	1 10	7 11	N 1 45

The mean fall of rain is 4.65in.

No months without rain.

There are equal chances that the fall will be more or less than 3.47in.

There are four chances to one that the fall will not exceed 5.16in., and that it will not be below 2.52in.

The greatest falls in August were in 1878, 21.49in., in 1849, 17.64in., and in 1862, 13.37in.

The least falls were in 1847, 1.02in., and in 1845, 1.25in.

The average number of days in which rain fell in August was 16.3d.

The average daily fall of rain on the days during which it rained in August was 0.28in.

The mean difference for August is 2.61in.

[illegible]

SEPTEMBER

1884
1866

Phases of the Moon.

	d.	h.	m.		d.	h.	m.
☾ Full Moon ...	5	4	8.8 P.M.	☽ First Quarter..	27	3	28.9 P.M.
☾ Last Quarter. 12	1	24.5 P.M.	☾ Perigee.....	10	11		P.M.
● New Moon ...	19	2	45.0 P.M.	☾ Apogee.....	25	11	P.M.

The Planets.

Date.	♿ MERCURY.				♀ VENUS.				♂ MARS.			
	Rising.	Merid. Pas- sage.	Set- ting.	Decl. nation.	Rising.	Merid. Pas- sage.	Set- ting.	Decl. nation.	Rising.	Merid. Pas- sage.	Set- ting.	Decl. nation.
	A. M.	A. M.	A. M.	° ' "	A. M.	A. M.	° ' "	A. M.	A. M.	A. M.	° ' "	A. M.
1	19 30	1 27	7 24	S 4 56	14 49	21 0	3 11	N 11 11	33 44	2 59	8 34	S 4 43
11	18 46	0 48	6 42	S 5 36	14 46	20 50	3 6	16 34	30 31	2 34	8 17	11 14
21	17 26	23 25	5 28	S 0 23	14 45	20 55	3 4	16 13	20 19	2 11	8 9	13 23
31	16 46	22 45	4 50	N 3 55	14 49	20 57	3 5	N 13 21	20 0	1 59	7 40	S 15 43

Date.	♃ JUPITER.				♄ SATURN.				♅ URANUS.			
	Rising.	Merid. Pas- sage.	Set- ting.	Decl. nation.	Rising.	Merid. Pas- sage.	Set- ting.	Decl. nation.	Rising.	Merid. Pas- sage.	Set- ting.	Decl. nation.
	A. M.	A. M.	A. M.	° ' "	A. M.	A. M.	° ' "	A. M.	A. M.	A. M.	° ' "	A. M.
1	16 39	22 46	4 57	N 15 11	12 30	18 44	0 56	N 21 51	19 6	1 6	7 7	N 1 43
11	16 8	22 17	4 26	14 31	11 53	18 7	0 21	21 51	18 29	0 30	6 31	1 22
21	15 37	21 45	3 58	13 41	11 16	17 29	23 45	21 52	17 48	25 49	5 50	1 13
31	15 8	21 16	3 24	N 13 17	10 40	14 54	23 8	N 21 51	17 14	25 15	5 16	N 0 59

The mean fall of rain is 4.07in.

No months without rain.

There are equal chances that the fall will be more or less than 3.0lin.

There are four chances to one that the fall will not be more than 6.03in., nor less than 1.68in.

The greatest falls in September were in 1872, 13.56in., in 1878, 12.13in., in 1841, 11.05in., and in 1877, 11.03in.

The least falls were in 1851, 0.04in., in 1845, 0.29in., and in 1853, 0.32in.

The average number of days in which rain fell in September was 12.6d.

The average daily fall of rain on the days during which it rained in September was 0.32in.

The mean difference for September is 2.59in.

1884
1060

OCTOBER

Day of Week.	Day of Month.	Malabar date.	SUN'S			MOON'S			
			Mean Time Trevandrum.		Age.	Mean Time Trevandrum.			
			Rising.	Setting.		Mean Noon.	Rising.	Meridian Passage.	Setting
			<i>h m</i>	<i>h m</i>	<i>d</i>	<i>h m</i>	<i>h m</i>	<i>h m</i>	
Wed.	1	17	5 49	5 50	11.9	2 20	9 10	15 16	
Thur.	2	18	5 49	5 49	12.9	3 6	9 59	16 8	
Fri.	3	19	5 49	5 49	13.9	3 52	10 49	17 1	
Sat.	4	20	5 49	5 48	14.9	4 39	11 41	17 56	
SUN.	5	21	5 49	5 48	15.9	5 28	12 34	18 53	
Mon.	6	22	5 49	5 47	16.9	6 18	13 30	19 51	
Tues.	7	23	5 49	5 47	17.9	7 10	14 27	20 51	
Wed.	8	24	5 49	5 46	18.9	8 5	15 26	21 51	
Thur.	9	25	5 49	5 46	19.9	9 2	16 25	22 50	
Fri.	10	26	5 49	5 45	20.9	10 0	17 23	23 47	
Sat.	11	27	5 49	5 45	21.9	10 59	18 19	— —	
SUN.	12	28	5 49	5 44	22.9	11 56	19 13	0 41	
Mon.	13	29	5 49	5 44	23.9	12 52	20 4	1 32	
Tues.	14	30	5 49	5 43	24.9	13 46	20 58	2 20	
Wed.	15	1	5 49	5 43	25.9	14 38	21 41	3 7	
Thur.	16	2	5 49	5 43	26.9	15 29	22 27	3 51	
Fri.	17	3	5 49	5 42	27.9	16 18	23 13	4 35	
Sat.	18	4	5 49	5 42	28.9	17 6	23 58	5 18	
SUN.	19	5	5 49	5 41	0.3	17 54	— —	6 2	
Mon.	20	6	5 49	5 41	1.3	18 42	0 44	6 45	
Tues.	21	7	5 49	5 40	2.3	19 30	1 30	7 30	
Wed.	22	8	5 49	5 40	3.3	20 18	2 17	8 16	
Thur.	23	9	5 49	5 40	4.3	21 6	3 4	9 3	
Fri.	24	10	5 49	5 39	5.3	21 53	3 52	9 50	
Sat.	25	11	5 49	5 39	6.3	22 40	4 39	10 38	
SUN.	26	12	5 49	5 39	7.3	23 26	5 26	11 26	
Mon.	27	13	5 49	5 38	8.3	— —	6 13	12 15	
Tues.	28	14	5 50	5 38	9.3	0 12	7 0	13 4	
Wed.	29	15	5 50	5 38	10.3	0 57	7 48	13 54	
Thur.	30	16	5 50	5 38	11.3	1 42	8 36	14 46	
Fri.	31	17	5 50	5 37	12.3	2 28	9 26	15 39	

OCTOBER

1884
1060

Phases of the Moon.

	d.	h.	m.		d.	h.	m.
☾ Full Moon ...	5	3	8.0 A.M.	☾ First Quarter...	27	10	2.4 A.M.
☾ Last Quarter. 11	7	37.2 P.M.	☾ Perigee.....	7	7		P.M.
● New Moon ...	19	5	39.4 A.M.	☾ Apogee.....	23	6	P.M.

The Planets.

Date.	♿ MERCURY.				♀ VENUS.				♂ MARS.			
	Rising.	Merid. Pass- age.	Set- ting.	Declin- ation.	Rising.	Merid. Pass- age.	Set- ting.	Declin- ation.	Rising.	Merid. Pass- age.	Set- ting.	Declin- ation.
	A. M.	A. M.	A. M.	° ' "	A. M.	A. M.	A. M.	° ' "	A. M.	A. M.	A. M.	° ' "
1	15 46	22 47	4 40	N 3 55	14 49	20 57	3 5	N 13 5	20 8	1 53	7 48	S 15 56
11	15 51	22 51	4 51	N 3 54	14 44	21 0	3 4	N 13 4	19 57	1 45	7 36	S 15 3
21	17 18	23 14	5 10	S 5 48	15 0	21 4	3 8	S 5 45	19 49	1 36	7 23	S 15 56
31	17 44	23 35	5 28	S 12 45	15 5	21 7	3 9	N 2 45	19 40	1 26	7 12	S 21 32

Date.	♃ JUPITER.				♄ SATURN.				♅ URANUS.			
	Rising.	Merid. Pass- age.	Set- ting.	Declin- ation.	Rising.	Merid. Pass- age.	Set- ting.	Declin- ation.	Rising.	Merid. Pass- age.	Set- ting.	Declin- ation.
	A. M.	A. M.	A. M.	° ' "	A. M.	A. M.	A. M.	° ' "	A. M.	A. M.	A. M.	° ' "
1	15 5	21 13	3 21	N 13 13	18 35	16 50	23 4	N 21 51	17 10	23 11	5 12	N 0 57
11	14 33	20 41	2 49	12 37	8 57	15 11	22 25	21 51	15 55	23 55	4 55	0 43
21	14 1	20 8	2 15	12 8	8 17	15 31	21 45	21 49	15 58	21 58	3 58	0 29
31	13 27	19 34	1 41	N 11 33	8 26	14 59	21 4	N 21 49	15 20	21 20	3 26	N 0 15

The mean fall of rain is 10.12in.

No months without rain.

There are equal chances that the fall will be more or less than 9.27in.

There are four chances to one that the fall will not be more than 13.89in., nor less than 6.16in.

The greatest falls in October were in 1850, 21.20in., and in 1843, 18.62in.

The least falls were in 1861, 2.48in., and in 1880, 2.76in.

The average number of days in which rain fell in October was 16.0d.

The average daily fall of rain on the days during which it rained in October was 0.63in.

The mean difference for October is 3.86in.

1884 1060		NOVEMBER										
Day of Week.	Day of Month.	Malabar Date.	SUN'S				MOON'S					
			Mean Time Trevandrum.		Age.	Mean Time Trevandrum.						
			Rising.	Setting.		Mean Noon.	Rising.	Meridian Passage.	Setting.			
			h m	h m	d	h m	h m	h m	h m	h m	h m	
Sat.	1	18	5 50	5 37	13 3	3 15	10 19	16 35				
SUN.	2	19	5 50	5 37	14 3	4 4	11 14	17 34				
Mon.	3	20	5 51	5 37	15 3	4 35	12 11	18 34				
Tues.	4	21	5 52	5 37	16 3	5 50	13 12	19 36				
Wed.	5	22	5 51	5 36	17 3	6 48	14 13	20 38				
Thur.	6	23	5 51	5 36	18 3	7 48	15 14	21 38				
Fri.	7	24	5 51	5 36	19 3	8 48	16 13	22 35				
Sat.	8	25	5 52	5 36	20 3	9 48	17 9	23 29				
SUN.	9	26	5 52	5 36	21 3	10 47	18 1	— —				
Mon.	10	27	5 52	5 36	22 3	11 42	18 51	0 19				
Tues.	11	28	5 53	5 36	23 3	12 35	19 39	1 6				
Wed.	12	29	5 53	5 36	24 3	13 27	20 25	1 50				
Thur.	13	30	5 53	5 36	25 3	14 15	21 10	2 34				
Fri.	14	1	5 53	5 36	26 3	15 3	21 55	3 16				
Sat.	15	2	5 54	5 36	27 3	15 51	22 41	3 59				
SUN.	16	3	5 54	5 36	28 3	16 38	23 27	4 42				
Mon.	17	4	5 55	5 36	29 3	17 26	—	5 27				
Tues.	18	5	5 55	5 36	0 5	18 14	0 13	6 12				
Wed.	19	6	5 55	5 36	1 5	19 1	1 0	6 58				
Thur.	20	7	5 56	5 36	2 5	19 49	1 47	7 46				
Fri.	21	8	5 56	5 36	3 5	20 36	2 35	8 33				
Sat.	22	9	5 56	5 36	4 5	21 22	3 22	9 21				
SUN.	23	10	5 57	5 36	5 5	22 8	4 8	10 9				
Mon.	24	11	5 57	5 36	6 5	22 52	4 54	10 57				
Tues.	25	12	5 58	5 36	7 5	23 36	5 40	11 45				
Wed.	26	13	5 58	5 37	8 5	—	6 27	12 34				
Thur.	27	14	5 59	5 37	9 5	0 29	7 14	13 25				
Fri.	28	15	5 59	5 37	10 5	1 5	8 4	14 18				
Sat.	29	16	6 0	5 37	11 5	1 51	8 56	15 14				
SUN.	30	17	6 0	5 38	12 5	2 40	9 51	16 13				

NOVEMBER

1884
1860

Phases of the Moon.

	d.	h.	m.		d.	h.	m.
☾ Full Moon....	3	1	44.8 P.M.	☾ First Quarter.	26	3	23.9 A.M.
☾ Last Quarter.	10	4	20.4 A.M.	☾ Perigee.....	4	9	P.M.
● New Moon.	17	11	19.7 P.M.	☾ Apogee.....	20	8	A.M.

The Planets.

Date.	♿ MERCURY.				♀ VENUS.				♂ MARS.			
	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.
1	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
11	17 46	23 38	5 30	S 13 21	15 7	21 8	3 9	N 2 21	10 33	1 25	7 11	S 21 41
21	18 12	0 0	5 45	19 6	15 13	21 12	3 11	S 1 24	10 33	1 17	7 2	S 22 56
30	18 40	0 25	6 10	23 17	15 21	21 17	3 13	S 0 50	10 35	1 10	6 55	S 23 48
1	19 5	0 49	6 23	S 25 23	15 29	21 23	3 17	S 10 13	10 35	1 4	6 49	S 24 15
Date.	♃ JUPITER.				♄ SATURN.				♅ URANUS.			
	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.
1	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
11	15 24	15 21	1 23	N 11 31	8 32	14 45	21 0	N 21 48	16 16	21 16	3 15	N 0 14
21	12 49	15 26	1 3	11 4	7 50	14 4	20 18	21 46	14 39	20 39	2 39	N 0 3
30	12 15	15 21	0 37	10 45	7 8	13 32	19 36	21 44	14 1	20 1	2 18	N 0 6
1	11 42	17 46	21 54	N 10 30	6 30	12 44	18 53	N 21 42	13 27	19 27	1 37	S 0 14

The mean fall of rain is 6.25in.

No months without rain.

There are equal chances that the fall will be more or less than 5.81in.

There are four chances to one that the fall will not be more than 8.63in., nor less than 3.93in.

The greatest falls in November were in 1851, 15.11in., and in 1847, 13.56in.

The least falls were in 1855, 0.22in., in 1860, 0.62in., and in 1864, 0.89in.

The average number of days in which rain fell in November was 13.0d.

The average daily fall of rain on the days during which it rained in November was 0.48in.

The mean difference for November is 2.43in.

1884
1060

DECEMBER

Day of Week.	Day of Month.	Malabar date.	SUN'S			MOON'S		
			Mean Time Trevandrum.		Age.	Mean Time Trevandrum.		
			Rising.	Setting.		Rising.	Meridian Passage.	Setting.
			h m	h m	d	h m	h m	h m
Mon.	1	18	6 0	5 39	13.5	3 32	10 50	17 14
Tues.	2	19	6 1	5 38	14.5	4 28	11 52	18 18
Wed.	3	20	6 1	5 38	15.5	5 27	12 55	19 21
Thur.	4	21	6 2	5 39	16.5	6 29	13 57	20 22
Fri.	5	22	6 2	5 39	17.5	7 32	14 57	21 19
Sat.	6	23	6 3	5 39	18.5	8 33	15 54	22 13
SUN.	7	24	6 3	5 40	19.5	9 33	16 46	23 2
Mon.	8	25	6 4	5 40	20.5	10 29	17 36	23 48
Tues.	9	26	6 4	5 40	21.5	11 22	18 24	— —
Wed.	10	27	6 5	5 41	22.5	12 13	19 9	0 33
Thur.	11	28	6 6	5 41	23.5	13 1	19 54	1 16
Fri.	12	29	6 6	5 42	24.5	13 49	20 39	1 59
Sat.	13	30	6 7	5 42	25.5	14 36	21 24	2 41
SUN.	14	1	6 7	5 42	26.5	15 23	22 10	3 25
Mon.	15	2	6 8	5 43	27.5	16 10	22 57	4 10
Tues.	16	3	6 8	5 43	28.5	16 58	23 44	4 56
Wed.	17	4	6 9	5 44	29.5	17 46	— —	5 43
Thur.	18	5	6 9	5 44	0.7	18 33	0 32	6 30
Fri.	19	6	6 10	5 45	1.7	19 20	1 19	7 18
Sat.	20	7	6 10	5 45	2.7	20 6	2 6	8 6
SUN.	21	8	6 11	5 46	3.7	20 51	2 52	8 54
Mon.	22	9	6 11	5 46	4.7	21 34	3 36	9 42
Tues.	23	10	6 12	5 47	5.7	22 18	4 23	10 30
Wed.	24	11	6 12	5 47	6.7	23 1	5 9	11 18
Thur.	25	12	6 13	5 48	7.7	23 45	5 56	12 8
Fri.	26	13	6 13	5 48	8.7	— —	6 45	13 1
Sat.	27	14	6 14	5 49	9.7	0 31	7 37	13 56
SUN.	28	15	6 14	5 49	10.7	1 20	8 32	14 54
Mon.	29	16	6 15	5 50	11.7	2 11	9 30	15 55
Tues.	30	17	6 15	5 50	12.7	3 7	10 32	16 57
Wed.	31	18	6 15	5 51	13.7	4 6	11 34	18 0

DECEMBER

1884
1060

Phases of the Moon.

	d.	h.	m.		d.	h.	m.
☾ Full Moon....	3	0	7.7 A.M.	(Perigee.....	3	8	A.M.
(Last Quarter.	9	4	38.5 P.M.	(Apogee.....	17	9	A.M.
● New Moon.	17	6	32.5 P.M.	(Perigee.....	31	9	P.M.
) First Quarter.	25	6	29.2 P.M.				

The Planets.

♿ MERCURY.					♀ VENUS.					♂ MARS.				
Date.	Rising.	Merid. Pass.	Setting.	Declination.	Rising.	Merid. Pass.	Setting.	Declination.		Rising.	Merid. Pass.	Setting.	Declination.	
	h. m.	h. m.	h. m.	° ' "	h. m.	h. m.	h. m.	° ' "		h. m.	h. m.	h. m.	° ' "	
1	10 8	6 52	6 36	S 25 31	15 25	23 24	3 13	S 10 37	19 18	1 3	6 43	8 24	10	
11	19 32	1 16	7 0	S 25 23	15 41	21 32	3 23	14 24	19 19	0 57	6 42	24 18		
21	19 29	1 24	7 9	S 25 7	15 53	21 42	3 31	17 18	19 6	0 51	6 38	23 52		
31	18 49	0 36	6 25	S 20 29	16 7	21 54	3 41	S 20 26	19 0	0 45	6 30	23 29		

♃ JUPITER.					♄ SATURN.					♅ URANUS.				
Date.	Rising.	Merid. Pass.	Setting.	Declination.	Rising.	Merid. Pass.	Setting.	Declination.		Rising.	Merid. Pass.	Setting.	Declination.	
	h. m.	h. m.	h. m.	° ' "	h. m.	h. m.	h. m.	° ' "		h. m.	h. m.	h. m.	° ' "	
1	11 39	17 44	23 50	N 10 28	6 25	12 39	18 53	N 23 41	13 23	19 33	1 23	5 0 15		
11	11 1	17 7	23 13	10 31	5 43	11 56	19 10	21 39	12 45	18 45	0 45	0 22		
21	10 25	16 28	22 34	10 20	5 1	11 13	17 27	21 36	12 6	18 6	0 6	0 25		
31	9 42	15 44	21 54	N 10 27	4 18	10 51	16 44	N 21 34	11 27	17 27	23 27	S 0 23		

The mean fall of rain is 2.45in.

No rain fell in 1853, 1861 and in 1867.

There are equal chances that the fall will be more or less than 1.47in.

There are four chances to one that the fall will not exceed 3.09 and that it will not be below 0.48in.

The greatest falls in December were in 1843, 13.96in., in 1877, 11.23in., and in 1847, 10.36in.

The least falls were in 1840, 0.004in., and in 1868, 0.018in.

The average number of days in which rain fell in December was 5.5d.

The average daily fall of rain on the days during which it rained in December was 0.44in.

The mean difference for December is 1.82in.

REMARKABLE EVENTS AND CHRISTIAN FESTIVALS.

JANUARY.

- Tu. 1 CIRCUMCISION. — Proclamation of Her Majesty the Queen's assumption of the Title of Empress of India, 1877.
 Th. 3 Natives admitted to the Covenanted Civil Service, 1880.
 F. 4 The "Imperial Order of the Crown of India" instituted, 1878.
 SUN. 6 EPIPHANY.
 W. 9 Prince Edward of Wales born, 1864. — Napoleon III died, 1873.
 — Victor Emmanuel 1st king of Italy, died, 1878.
 Th. 10 Penny Postage, Great Britain, 1840.
 S. 12 The Zulu war, 1879.
 SUN. 13 SUNDAY AFTER EPIPHANY.
 M. 14 Madras University opened, 1853.
 Th. 15 Franklin born, 1706.
 S. 16 H. H. the Maha Rajah left Trevandrum on a tour to Madras.
 SUN. 20 SUNDAY AFTER EPIPHANY. — First English Parliament, 1265.
 M. 21 Inauguration of the Warkallay Junction Canal Works by His Highness the late Maha Rajah, 1870.
 S. 26 His Highness the Maha Rajah left Trevandrum on a tour to Bombay, Benares, Calcutta and Northern India, 1882.
 SUN. 27 SUNDAY AFTER EPIPHANY.

FEBRUARY.

- F. 1 Investiture of His Highness the late Maha Rajah of Travancore with the Insignia of Knight Grand Commander of the Most Exalted Order of the Star of India, 1867.
 S. 2 Investiture of His Highness the Maha Rajah of Travancore with the Insignia of Knight Grand Commander of the Most Exalted Order of the Star of India 1883. — PURIFICATION
 [ON B. V. MARY.]
 SUN. 3 SUNDAY AFTER EPIPHANY.
 Th. 5 "Victoria Cross" founded, 1856.
 Th. 7 Charles Dickens born, 1812. — Pope Pius IX died, 1878.
 F. 8 Indo-Eur. Telegraph via Persia and Turkey opened, 1866.
 SUN. 10 SEPTUAGESIMA SUNDAY. — Marriage of Queen Victoria, 1840.
 W. 13 Madras Medical College established, 1835.
 SUN. 17 SEXAGESIMA SUNDAY.
 Tu. 19 His Highness the Maha Rajah returned to Trevandrum from Madras 1883.
 W. 20 Lord and Lady Napier and Suite arrived at Trevandrum, 1868.
 Election of Leo XIII, 1878.
 S. 23 Source of the Nile discovered, 1863.
 SUN. 24 QUINQUAGESIMA OR SHERVE SUNDAY.
 M. 25 SHERVE MONDAY.
 Tu. 26 SHERVE TUESDAY.
 W. 27 ASH WEDNESDAY. — General thanks giving throughout India on account of recovery of Prince of Wales.

MARCH.

- SUN. 2 QUADRAGESIMA OR 1 SUNDAY IN LENT. — Sovereignty of Ceylon assumed by the English, 1815.
 F. 7 Union of Scotland with England, 1707.
 SUN. 9 SUNDAY IN LENT.

REMARKABLE EVENTS AND CHRISTIAN FESTIVALS.

MARCH.

- M. 10 H. R. H. the Prince of Wales married, 1863.
 Tu. 11 H. R. H. the Prince of Wales' departure from India, 1870.
 W. 12 Alexander II Emperor of Russia assassinated, 1861.
 SUN. 13 SUNDAY IN LENT.—Duchess of Kent died, 1881.
 Th. 18 Princess Louisa Caroline Alberta born, 1840.
 W. 19 First Eclipse of Moon on record, n. c. 270.
 Th. 20 Opening of the New College and laying down of the first stone of the Napier Museum in the Public Gardens by His Highness the late Maha Rajah, 1873.
 F. 21 His Highness the Maha Rajah returned to Travandrum from His Highness' Tour to Northern India, 1882.
 SUN. 23 4 SUNDAY IN LENT.
 Tu. 25 His Highness Chamarajendra Wodeya Bahadur Installed as Maha Rajah of Mysore, 1881.
 F. 28 Alleppey Light House first lighted, 1862.
 S. 29 Annexation of the Punjab, 1849.
 SUN. 30 5 SUNDAY IN LENT.

APRIL.

- Th. 3 First Electric Telegraph in India opened, 1851.
 SUN. 6 6 SUNDAY IN LENT OR PALM SUNDAY.
 Mon. 7 Prince Leopold born 1853.
 Tu. 8 Ganges Canal opened, 1854.
 Th. 10 MAUNDY THURSDAY.
 F. 11 GOOD FRIDAY.
 S. 12 HOLY SATURDAY.
 SUN. 13 EASTER SUNDAY.—Princess Beatrice born, 1857.
 M. 14 EASTER MONDAY.
 Tu. 15 EASTER TUESDAY.
 W. 16 First Railway in India opened between Bombay and Tannah, 1853.
 SUN. 20 SUNDAY AFTER EASTER.—The Earl of Beaconsfield died 1881.
 SUN. 27 2 SUNDAY AFTER EASTER

MAY.

- Th. 1 Prince Arthur born, 1850.
 F. 2 Order of British India instituted, 1837.—Lord Ripon appointed Viceroy of India 1880.
 SUN. 4 3 SUNDAY AFTER EASTER.
 M. 5 Bombarde died at St. Helena, 1821.
 F. 9 Her Highness the Ranee of Travancore died, 1833.
 SUN. 11 4 SUNDAY AFTER EASTER.—Prince of Wales reached England from India, 1876.
 W. 14 Dr. Jenner successfully vaccinated a boy, 1786.
 Th. 15 Indian Native troops despatched to Malta, 1878.
 S. 17 First Telegraph message between Bombay and Calcutta, 1854.
 SUN. 18 5 SUNDAY AFTER EASTER OR ROGATION SUNDAY.—Census of Travancore taken, 1875.
 Th. 22 HOLY THURSDAY OR ASCENSION DAY.
 S. 24 Her Majesty Queen Victoria born, 1819.—The Right Honorable W P. Adam, Governor of Madras died, 1881.
 SUN. 25 SUNDAY AFTER ASCENSION.—Princess Helena born, 1846.
 Tu. 27 Habeas Corpus Act passed, 1796.
 S. 31 His Highness Ramm Virmah Mahá Rajah died, 1880.



REMARKABLE EVENTS AND CHRISTIAN FESTIVALS.

JUNE.

- SUN. 1 PENTECOST OR WHIT-SUNDAY.—First Turf of Central India Railway turned, 1866.—Prince Imperial killed in Zululand, 1879.
 Tu. 3 Prince George Frederick of Wales born, 1805.
 W. 4 The Berlin Treaty, 1878.
 F. 6 Calcutta partially lighted with gas, 1843.
 SUN. 8 TRINITY SUNDAY.
 M. 9 First Turf of Madras Railway cut, 1853.
 Th. 12 CORPUS CHRISTI.
 SUN. 15 1 SUNDAY AFTER TRINITY.
 Tu. 17 His Highness Rama Vurnah the present Maha Rajah Ascended the Musnud, 1880—Investiture of Her Highness the Senior Rane of Travancore with the Insignia of the Imperial Order of the Crown of India, 1881.
 W. 18 Battle of Waterloo, 1815.
 F. 20 Accession of Queen Victoria, 1837.
 S. 21 Proclamation of Queen Victoria, 1837.
 SUN. 22 2 SUNDAY AFTER TRINITY.
 S. 23 Coronation of Queen Victoria, 1838.
 SUN. 29 3 SUNDAY AFTER TRINITY.
 M. 30 Opening of 1st Railway in China from Shanghai, 1875.

JULY.

- Tu. 1 Bank of Madras opened, 1843.
 W. 2 VISITATION OF B. V. MARY.
 F. 4 United States' declaration of Independence, 1776.
 SUN. 6 4 SUNDAY AFTER TRINITY.—Princess Victoria of Wales born, 1868.
 Tu. 8 Natives of India admitted as Jurors, 1827.
 W. 9 Madras Volunteer corps formed 1867.
 SUN. 13 5 SUNDAY AFTER TRINITY.
 Tu. 15 Madras Agri-Horticultural Society established 1835.
 SUN. 20 6 SUNDAY AFTER TRINITY.—The unveiling of the Boundary Memorial Portrait of His Highness the Maha Rajah and His Minister the Hon. V. Ramiengar, at 8 A. M., 1883.
 Th. 22 Indian Income Tax Act passed, 1890.
 F. 25 Natives of India first sat on the Petit Jury, 1828.
 SUN. 27 7 SUNDAY AFTER TRINITY.
 Tu. 29 First school for Native girls formed at Calcutta, 1849.—Terrible Earthquake in the Island of Ischia—Loss of 5,000 lives (and much property).

AUGUST.

- SUN. 3 8 SUNDAY AFTER TRINITY.
 W. 6 Prince Alfred Duke of Edinburgh born, 1844.
 SUN. 10 9 SUNDAY AFTER TRINITY.
 F. 15 ASSUMPTION OF B. V. MARY.
 SUN. 17 10 SUNDAY AFTER TRINITY.
 M. 18 H.H. Marthanda Vurnah Maha Rajah of Travancore died, 1860.—The Viceroy's Proclamation of the assumption of Her Majesty of the Title of Empress of India, 1876.
 S. 23 Government Central Museum instituted, 1861—New Public Offices, Trevandrum, opened 1869.
 SUN. 24 11 SUNDAY AFTER TRINITY.
 M. 25 High Court at Madras opened, 1862.

REMARKABLE EVENTS AND CHRISTIAN FESTIVALS.

AUGUST.

- Tu. 26 A Great Volcanic eruption in Java causing an influx of the sea at Anjer and Serang—with loss of 30,000 lives and much property 1883.
 W. 27 Peace with China, 1842.
 Th. 28 Slavery abolition Act passed, 1833.—Cetseywayo captured, 1879
 SUN. 31 12 SUNDAY AFTER TRINITY.—His Highness Kerala Varma [Rajah died 1882.]

SEPTEMBER.

- M. 1 Government of India transferred to the Crown, 1858.
 Tu. 2 Battle of Sedan, 1870.—His Excellency the Right Honorable M. E. Grant Duff, Governor of Madras visited Trevandrum, 1882.
 W. 3 Sir Louis Cavignari and other members of the British Embassy slaughtered in Cabul, 1879.
 Th. 4 Two shocks of an Earthquake of Trevandrum and in South Travancore (1 A. M.) 1867.
 S. 6 Revolution in France and Republic proclaimed, 1870.
 SUN. 7 13 SUNDAY AFTER TRINITY.
 M. 8 NATIVITY OF B. V. MARY.
 SUN. 14 14 SUNDAY AFTER TRINITY.—Holy Cross A. D., 335.
 Tu. 16 Duke of Wellington died, 1852.
 W. 17 Opening of Mont Cenis Tunnel 1871.
 F. 19 Earthquake at Trevandrum, 1841.
 SUN. 21 15 SUNDAY AFTER TRINITY.
 M. 22 A large Comet first observed in Trevandrum which continued [visible for months, 1882.]
 SUN. 23 16 SUNDAY AFTER TRINITY.
 M. 29 MICHAELMAS-DAY.
 Tu. 30 Foundation stone of His Highness the Maha Rajah's College, Trevandrum, laid, 1869.

OCTOBER.

- W. 1 General Cullen died, 1862.—Presentation of a Banner to His Highness the late Maha Rajah from Her Majesty Queen Victoria, Empress of India, 1877.
 SUN. 5 17 SUNDAY AFTER TRINITY.
 M. 6 Her Highness the Ranees of Travancore, died 1877.
 S. 11 His Royal Highness the Prince of Wales left England on his Indian Tour 1875.
 SUN. 12 18 SUNDAY AFTER TRINITY.—America discovered, 1492.
 Tu. 14 First appearance of Cholera at Madras 1818.
 SUN. 19 19 SUNDAY AFTER TRINITY.
 SUN. 26 20 SUNDAY AFTER TRINITY.
 Th. 36 Termination of the Territorial disputes between Cochin and Travancore, 1862.

NOVEMBER.

- S. 1 ALL SAINTS.
 SUN. 2 21 SUNDAY AFTER TRINITY.—ALL SOULS.
 M. 3 The H. R. H. Duke of Connaught left London for India 1883.
 W. 5 His Grace the Duke of Buckingham and Chandos visited Trevandrum, 1880. [1875.]
 S. 8 His Royal Highness the Prince of Wales arrived at Bombay,

REMARKABLE EVENTS AND CHRISTIAN FESTIVALS.

NOVEMBER.

- SUN. 9 22 SUNDAY AFTER TRINITY.—Albert Edward, Prince of Wales born, 1841.—First Public Durbar held in the Now Durbar Hall, 1866.
 S. 15 Christ Church at Trevandrum consecrated, 1859.
 SUN. 16 23 SUNDAY AFTER TRINITY.
 M. 17 Opening of the Suez Canal 1869.
 F. 21 Princes Royal, born, 1840.
 SUN. 23 24 SUNDAY AFTER TRINITY.
 SUN. 30 ADVENT SUNDAY.—Lord Harris visited Trevandrum 1053.

DECEMBER.

- M. 1 Yacub Khan sent to India, 1879.
 Th. 4 Abolition of Suttee, 1829.
 S. 6 Madras Court of small Causes established, 1850.
 SUN. 7 2 SUNDAY IN ADVENT.
 M. 8 CONCEPTION OF B. V. MARY.—Foundation stone for the Public Offices at Trevandrum laid by His Highness the late Maha Rajah, 1865.
 W. 10 King of Prussia accepted the Title of Emperor of Germany, 1870.
 S. 13 Foundation stone of Christ Church at Trevandrum laid, 1858.
 SUN. 14 3 SUNDAY IN ADVENT.—Albert Prince Consort died, 1861—Princess Alice died, 1878.
 W. 17 Karsmanay Bridge opened, 1853.
 SUN. 21 4 SUNDAY IN ADVENT.
 W. 24 Peace between England and the United States, 1814.
 Th. 25 CHRISTMAS-DAY.
 S. 27 ST. JOHN THE EVANGELIST.
 SUN. 28 1 SUNDAY AFTER CHRISTMAS.—INNOCENTS-DAY.
 W. 31 The first Charter granted to the late East Indian Company, 1600.

METEOROLOGICAL TABLES, containing the mean results of Observations for the Atmospheric Pressure, Temperatures of the Air and Evaporation, Relative Humidity, Clouds, &c., from Observations made at the Travandrum Observatory between the years 1853 and 1864, under the direction of JOHN ALLAN BROWN, Esq., F. R. S.

TABLE I. *Atmospheric Pressure.* Height of the Bar. Cistern 197 feet above the level of the sea. Mercury at 32°. Brass at 62° Fah.*

MONTHS.	Mean Pressure.	Mean of the		Range.	Mean of the		Range.	Mean of the		Range.
		Highest	Lowest		Highest	Lowest		Highest	Lowest	
		Daily Means.			Hourly Means.			Observation.		
	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.
January ..	29-730	29-801	29-657	144	29-788	29-608	122	29-870	29-585	285
February..	719	781	661	120	784	649	135	848	584	264
March ..	688	753	604	149	748	622	126	816	529	286
April ..	648	716	570	146	703	583	120	779	467	282
May ..	637	705	569	136	683	581	102	763	502	261
June ..	638	704	569	135	678	589	89	764	518	236
July ..	649	708	593	115	685	599	86	763	535	218
August ..	663	718	609	109	708	605	103	767	543	224
September	681	736	624	112	731	618	113	796	554	242
October ..	688	765	608	157	741	627	114	827	544	283
November	703	767	631	126	767	643	114	817	562	255
December	724	778	655	123	780	662	118	842	593	249
Means ..	29-681	748	612	131	732	620	112	802	545	257

* From 8 years' observations.

TABLE II.—*Temperature of the Air.**

MONTHS.	Monthly Mean Tem- perature.	Mean of the		Range.	Mean of the		Range.	Mean of the		Range.
		Highest	Lowest		Highest	Lowest		Highest	Lowest	
		Daily Means.			Hourly Means.			Observation.		
	°	°	°	°	°	°	°	°	°	°
January ..	76.44	79.25	73.90	5.35	83.88	69.37	14.51	86.60	64.86	21.74
February..	77.89	80.49	75.12	5.37	85.32	70.60	14.72	88.52	66.18	22.34
March ..	80.33	82.81	77.04	4.67	87.15	73.66	13.49	89.95	70.30	19.65
April ..	80.95	83.17	77.28	5.89	87.14	75.78	11.36	91.23	72.60	18.63
May ..	80.19	82.57	76.95	5.62	85.32	75.85	9.47	90.04	72.85	17.19
June ..	77.67	80.19	74.34	5.85	82.19	74.03	8.16	86.25	71.35	14.90
July ..	76.66	78.66	73.35	5.31	81.02	73.09	7.93	84.45	70.42	14.03
August ..	76.66	78.42	73.85	4.57	81.37	72.93	8.44	84.75	70.88	13.87
September	77.02	78.35	74.98	3.37	81.04	72.92	8.12	85.35	70.46	14.89
October ..	76.90	78.77	74.22	4.55	82.14	72.67	9.47	85.55	70.56	14.99
November	76.88	78.69	74.41	4.28	82.66	71.84	10.82	86.69	68.85	16.84
December	76.15	78.60	73.41	5.19	82.37	69.93	12.44	85.91	65.42	20.49
Means ..	77.81	79.96	74.96	5.00	83.51	72.72	10.78	87.02	69.56	17.46

* From 11 years' observations.

TABLE III.—*Temperature of Evaporation* as shown by the Wet Bulb Thermometer.*

MONTHS.	Monthly Mean Temp. of Wet Bulb.	Mean of the		Range.	Mean of the		Range.	Mean of the		Range.
		Highest	Lowest		Highest	Lowest		Highest	Lowest	
		Daily Means.			Hourly Means.			Observation.		
January ..	70.84	73.99	66.24	7.75	73.09	66.53	6.56	76.87	60.74	16.13
February ..	71.33	74.84	66.88	7.96	73.84	67.77	6.07	77.39	60.81	16.58
March ..	74.39	76.22	71.37	4.85	76.40	72.02	4.38	79.18	67.21	11.97
April ..	75.83	77.69	73.60	4.09	77.79	73.88	3.91	79.96	70.88	9.08
May ..	76.04	77.92	73.84	4.08	77.61	74.34	3.27	80.15	71.09	9.06
June ..	74.44	76.38	72.26	4.12	76.00	72.83	3.17	78.84	69.74	9.10
July ..	78.69	75.47	71.66	3.81	75.14	72.10	3.04	77.45	68.98	8.47
August ..	73.51	75.00	71.96	3.04	74.96	71.98	2.98	77.34	69.61	7.73
September	73.43	74.78	72.16	2.62	74.89	71.81	3.08	77.41	69.62	7.79
October ..	73.54	75.20	71.63	3.57	75.27	71.68	3.69	77.95	68.44	9.51
November	73.38	75.18	70.62	4.56	75.59	70.76	4.83	78.25	66.77	11.48
December	71.09	74.17	66.55	7.62	73.64	67.69	5.95	77.02	61.29	15.73
Means ..	73.42	75.57	70.73	4.84	75.35	71.11	4.24	78.15	67.10	11.05

* From 11 years' observations.



TABLE IV.—*Temperature of the Dew Point, Tension of Vapour, Humidity, Velocity, Force and Direction of Wind, Rain Fall, Evaporation of Sea Water and Sky clouded.*

MONTHS.	Mean											
	Difference between Dry and Wet Ther. †	Temperature of Dew Point. †	Tension of Vapour. †	Relative Humidity. Saturation = 1 †	Direction of Wind. *	Velocity of Wind per hour. ‡	Force of Wind per hour. §	Prop. of Sky clouded. Whole sky = 100 *	Evaporation of sea water. †	Fall of Rain from 48 years' observations, (1838—1886.)	No. of rainy days.	Fall in rainy days.
January....	6-10	67-5	676	0-717	W.	Mile 4-40	lb 0-10	2-80	Inch 8-32	Inch 0-702	d 2-2	Inch 0-81
February ..	6-56	68-3	696	727	W. b. S.	4-56	0-10	2-68	8-42	0-552	1-6	0-84
March	5-94	72-0	787	759	W. b. N.	5-02	0-18	8-60	9-64	1-646	4-0	0-41
April	5-13	73-9	838	792	W. b. N.	5-30	0-14	5-30	8-88	4-577	9-7	0-47
May	4-15	74-5	855	827	NW.bW.	6-12	0-19	7-02	8-12	9-976	14-6	0-68
June	3-23	73-2	819	861	NW.bW.	6-46	0-21	7-48	5-95	12-706	22-5	0-55
July	2-97	72-5	800	870	NW. $\frac{3}{4}$ W.	7-04	0-25	7-12	6-30	7-002	20-0	0-36
August	3-15	72-2	798	863	NW. $\frac{1}{4}$ W.	5-98	0-18	7-94	6-96	4-648	16-3	0-28
September..	3-59	72-0	786	846	NW.bW.	5-11	0-13	5-78	6-62	4-072	12-6	0-32
October	3-36	72-1	791	853	W. N. W.	5-21	0-14	7-00	6-52	10-125	16-0	0-63
November..	3-50	71-9	785	848	W. b. N.	3-48	0-06	5-88	5-56	6-252	13-0	0-48
December ..	5-06	68-8	707	782	W. N. W.	3-98	0-08	6-62	7-25	2-455	5-5	0-44
Means ..	4-39	70-2	778	0-812	W.N.W.	5-22	0-14	5-52	..	..	..	0-47
Sums	..	..	..	..	..	..	..	..	88-54	64-713	138-0	..

* From 5 years' observations.

† From 11 years' observations.

‡ From 6 years' observations.

§ From 3 years' observations.

TABLE V.—*The mean fall of rain for successive period of 10 years.*

	Inch.		Inch.
1838—47	68-382	1841—50	70-747
48—57	64-330	51—60	65-268
58—67	63-631	61—70	59-015
68—77	59-834	71—80	65-986
Mean of 40 years	64-044	Mean.	65-504

METEOROLOGICAL TABLES, containing the mean results of Observations for the Atmospheric Pressure, Temperatures of the Air and Evaporation, Relative Humidity, Clouds, &c., deduced from observations made at the Trevandrum Observatory between the years 1865 and 1882 and calculated for Malabar Months.

TABLE I. Atmospheric Pressure.

Months.	Mean Pressure.	Mean of the		Range
		Highest.	Lowest	
		Daily Means. *		
Auvany	29.665	29.717	29.635	.082
Puratsay	.675	.729	.647	.082
Alpasy	.688	.732	.641	.091
Kartigay	.703	.753	.642	.111
Margaly	.711	.764	.644	.120
Thie	.720	.756	.646	.110
Mausy	.704	.764	.665	.099
Panguny	.689	.706	.615	.091
Chittray	.627	.662	.582	.080
Vycasy	.617	.677	.588	.089
Anny	.655	.712	.601	.111
Audy	.649	.713	.604	.109
Mean.....	29.673	29.724	29.625	.098

* Mean of 4 hours in the day time.

TABLE II. Temperature of the Air.

Months.	Monthly Mean. Tempera- ture.	Mean of the		Range.
		Highest.	Lowest.	
		Daily Means. *		
Auvany	79.99	81.34	79.01	2.33
Puratsay	80.66	82.01	79.13	2.88
Alpasy	80.53	81.56	79.34	2.22
Kartigay	81.12	82.33	79.77	2.56
Margaly	81.14	82.60	80.37	2.23
Thie	81.32	83.34	80.66	3.28
Mausy	83.85	85.26	82.72	2.54
Panguny	85.92	88.27	83.40	4.87
Chittray	85.45	86.97	84.21	2.76
Vycasy	82.75	85.21	80.19	5.12
Anny	79.97	81.10	78.67	2.43
Audy	79.41	81.05	77.18	3.87
Mean.....	81.88	83.46	80.37	3.09

* Mean of 5 hours.

TABLE III. Temperature of Evaporation, as shown by the Wet Bulb Thermometer.

Months.	Monthly Mean Tem- perature of Wet Bulb.	Mean of the		Range.
		Highest.	Lowest.	
		Daily Means. *.		
Auvany ...	74.54	75.79	73.83	1.96
Puratasy ...	74.69	75.96	73.59	2.37
Alpasy ...	76.17	76.27	74.03	2.24
Kartigay ...	74.59	76.15	73.30	2.85
Margaly ...	72.54	75.19	71.08	4.11
Thie ...	73.54	75.44	70.21	5.23
Mausy ...	74.13	75.66	73.05	2.61
Panguny ...	75.76	77.54	75.32	2.22
Chitray ...	77.57	78.92	76.82	2.10
Vycasy ...	76.62	77.81	75.32	2.49
Auny ...	75.06	76.47	74.18	2.29
Audy ...	74.48	75.72	73.72	2.00
Mean.....	74.89	76.43	73.68	2.76

* Mean of 5 years.

TABLE IV. Temperature of the Dew Point, Tension of Vapour, Humidity, Direction of Wind and Sky clouded.

Months.	MEAN.					
	Difference between Dry and Wet-Therm.	Temperature of Dew Point.	Tension of Vapour.	Relative humidity Saturation = 1.	Direction of Wind.	Proportion of sky clouded. Whole sky = 100.
Auvany	5.45	70.92	756	738	w $\frac{1}{2}$ N	7.2
Puratasy	6.00	70.57	748	716	w by N	6.5
Alpasy	5.36	71.46	772	742	w s w $\frac{1}{2}$ w	7.2
Kartigay	6.53	70.20	738	696	w s w $\frac{1}{2}$ s	5.9
Margaly	8.60	66.69	655	618	w s w $\frac{1}{2}$ s	4.0
Thie	9.28	66.29	646	596	s w h y w	3.3
Mausy	9.72	67.75	677	585	s w by w	3.3
Panguny	8.16	70.74	751	607	s w by w	4.3
Chitray	7.88	72.42	796	654	w $\frac{1}{2}$ s	5.9
Vycasy	6.13	72.36	801	717	w $\frac{1}{2}$ N	7.4
Auny	4.91	71.74	777	760	w by N	8.2
Andy	4.83	71.13	762	760	w	8.0
Mean.....	7.00	70.21	740	682	w by s	5.9

TABLE V. *Mean fall Rain.*

STATIONS.	Anvay.	Puratsay.	Alpsay.	Karigay.	Margay.	Thie.	Mausy.	Panguny.	Chittay.	Vycansy.	Anny.	Andy.	Years.
Trevandrum * ...	5.018	5.001	9.198	4.615	1.242	0.670	0.557	1.850	4.242	13.336	9.327	7.007	62.068
Quilon † ...	8.217	9.228	9.194	3.789	0.864	0.100	0.806	2.789	4.467	19.155	17.433	13.269	89.311
Alleppey † ...	11.806	10.553	12.370	6.022	1.489	0.772	2.438	3.294	4.617	26.717	23.094	18.872	122.034
Peermade† ...	24.877	15.762	16.439	2.794	0.328	0.150	0.600	3.311	4.772	32.350	56.578	50.034	207.995
Pulpansbapuram† ...	3.175	4.641	11.626	6.025	1.328	0.128	0.372	2.838	2.935	9.017	6.253	6.012	54.850
Rajakaimongolom† ...	0.550	0.433	3.888	4.105	0.767	0.008	0.100	0.338	1.263	3.468	4.817	4.937	25.174

* Mean of 17 Years.

† " 9 "

‡ " 3 "

TABLE VI. *Mean rainy Days.*

STATIONS.	Auvary.	Puratasy.	Alpasy.	Karligay.	Margaly.	Thic.	Maasy.	Panguny.	Chitray.	Vrecausy.	Amny.	Andy.	Years.
Trevandrum ...	15	13	18	10	8	2	2	5	10	18	21	21	188
Quilon ...	17	13	14	6	2	0	1	5	7	19	23	20	127
Alleppey ...	19	15	16	9	2	2	3	6	8	21	27	26	154
Peermade ...	26	21	19	5	1	0	2	7	9	21	30	29	170
Pulpanabapuram ...	6	7	13	6	1	0	1	4	4	10	11	10	73
Rajakamungalom ...	5	2	11	7	1	0	1	2	3	9	11	11	63

TABLE VII. *The Total rain fall and the number of rainy days during the Monsoon Periods.*

STATIONS.	North-east.		South-west.		Dry months.	
	Inches.	Days.	Inches.	Days.	Inches.	Days.
Trevandrum ...	22-236	52	31-237	64	8-590	22
Quilon ...	28-905	48	52-209	64	8-197	15
Alleppey ...	37-966	55	70-651	77	13-417	22
Peermade ...	58-611	70	141-178	85	8-206	15
Pulpanabapuram ...	22-767	29	22-149	32	9-934	12
Rajakamungalom ...	8-323	23	14-305	33	2-546	7



His Highness

SRI PATMANABHA

DASA VANCHI BALA

RAMA VARMA

Kulasekhara Kiritapati

MANNEY SULTAN

MAHARAJA RAJA

Ramaraja Bahadur

SEWSEET JANG,

KNIGHT GRAND COMMANDER

OF THE

MOST EXALTED ORDER

OF THE

STAR OF INDIA.

F. M. U.,

Officier de l'Instruction Publique

Maharaja of Travancore.

Born 19th May, 1837;

ASCENDED THE THRONE 17TH JUNE 1880.

Royal Family of Travancore.

BROTHER OF THE MAHARAJA.

His Highness
RAVE VARMA RAJA.
 [BORN 27TH OCTOBER, 1835.]

NEPHEW OF THE MAHARAJA.

His Highness
RAJA VARMA.
Clara Raja.
 [BORN 25TH SEPTEMBER, 1857.]

NIECES OF THE MAHARAJA.

Her Highness **RAJESWARI BAI.**
 Member of the Crown of India.
 Senior Ranee of Travancore.
 [BORN 23RD JULY, 1848.]

Her Highness **PARVATI BAI.**
 Junior Ranee of Travancore.
 [BORN 24TH SEPTEMBER, 1850.]

GRAND NEPHEWS OF THE MAHARAJA.

His Highness **TEKKA VARMA.**
 First Prince of Travancore.
 Son of Her Highness the Junior Ranee.
 [BORN 20TH AUGUST, 1864.]

His Highness **RAMA VARMA.**
 Second Prince of Travancore.
 Son of Her Highness the Junior Ranee.
 [BORN 3RD DECEMBER, 1867.]

His Highness **WARTANDA VARMA,**

Third Prince of Travancore,

Son of Her Highness the Junior Ranee.

[BORN 24TH NOVEMBER, 1871.]

NEPHEWS-IN-LAW OF THE MAHARAJA.

ISERADA VARMA,

F. M. U.,

Kaliya Koil Tampuran,

[Married to Her Highness the Senior Ranee.]

RAJA RAJA VARMA,

Cochoo Koil Tampuran.



PHYSICIAN TO HIS HIGHNESS THE MAHA RAJA.

Surgeon Major J. M. Houston, (Madras Med. Est.)

GUARDIAN TO THE PRINCES.

Harold S. Ferguson.

OFFICERS OF HIS HIGHNESS THE MAHARAJA'S PALACE.

M. C. Neelacanda Pillai...	...	...Survadnikaryakar.
Narayanan Tampi	...	...Chellnuu Karyakar.
V. I. Kesava Pillai, M. A.	...	...Samprati
Seshaiyan ...	...	...Nityachilavu Karyakar.
N. Runga Rao, B. A.	...	...Tutor to the Princes.
Syed Latif Khan ...	...	...Persian Munshi.
Krishna Pillai	...	...Bhajasapurna Karyakar.
Harihara Aiyar	...	...Sripadam Karyakar.
...	...	...Vatakke Kottaram Karyakar.
Marianda Pillai	...	...Karyakar of His Highness the First Prince's Palace.
Babu Gajadhar Sukil	...	...Stables Karbhari.

BRITISH RESIDENCY OF TRAVANCORE AND COCHIN.

BRITISH RESIDENT.

J. C. HANNINGTON ESQUIRE, M. C. S....Resident (*on leave.*)
 W. LOGAN ESQUIRE, ... Do. Ag. Do.
 J. W. F. DUMERGUE ESQUIRE, M. C. S....Asst. Resident (*on other duty.*)
 Captain A. Howlett, M. S. C. ...Ag. Asst. Resident.

TREASURY.

T. Swyny In charge.
 Padmanabha Mudaliar Residency Treasurer.

ESCORT.

Captain A. Howlett, M. S. C. Commanding.

MEDICAL ESTABLISHMENT.

Surgeon H. Plunket Esmonde White...Residency Surgeon.
 Mahdavan Nayar 3rd Class Hospital Assistant.

OFFICE.

T. Swyny Manager.
 A. LeRive... ..Senior Clerk.
 E. D'Lemos Accountant.

BRITISH SUBSIDIARY FORCE FOR TRAVANCORE.

STATION—QUILON.

6th Native Infantry.

Lt. Colonel F. B. Boone... ..Commandant.
 Revd. C. H. L. Wright, B. A. Acting Chaplain.

GOVERNMENT OF TRAVANCORE.

HUZUR OUTCHERRY.

V. RAMIENGAR, C. S. I.

Dewan of Travancore.

N. Suba Row...	...	Assistant to the Dewan.
T. Vencata Chariar...	...	Assistant to the Dewan, Settlement Department.
M. Ratnaswami Aiyar, B. A.	...	Personal Assistant to the Dewan.

JUDICIAL, &c. DEPARTMENTS.

F. Watts	...	Secretary.
S. Rajagunam Aiyar, B. A.	...	Manager.

JAMABUNDY DEPARTMENT.

Tharavium Pillay	...	Valia Melalutu Pillay.
P. S. Moothookarroopa Pillay	...	Melalutu Pillay.
P. K. Pulpanaba Pillay	...	Assistant Melalutu Pillay.
Subramonia Pillay	...	Sumprothy.
Nallamuthu Pillay	...	Do.

MARAHMUT DEPARTMENT.

K. Kuvuvella, B. C. E.	...	Secretary.
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PERAVAGAY DEPARTMENT.

P. Socondrum Pillay, M. A.	...	Sheristadar.
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SIRKAR VAKIL DEPARTMENT.

S. Padmanabha Aiyar, M. A.	...	Head Sirkar Vakil (on other duty)
I. H. Prince	...	Acting Do. Do.

REGISTRATION DEPARTMENT.

L. Soobramony Aiyar	...	Huzur Registrar.
Veeraragava Aiyangar	...	Deputy Do.

TREASURY.

Ninadath Govinda Kymal	...	Treasurer.
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DAVASOM DEPARTMENT.

Sreenovasa Row	...	Acting Sheristadar.
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UNJEL OR SIRKAR POST.

S. Tharavium Pillay	...	Superintendent.
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ELEPHANT DEPARTMENT.

Sreenovasa Row	...	In charge.
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MINT.

T. V. Sooba Row	...	Superintendent.
-----------------	-----	-----------------

DIVISION OUTCHERRIES.

OFFICERS IN CHARGE.

DIVISIONS.

Dewan Peishcar T. Rama Row ... Cottayam or Northern
 Asst. to Do. P. Mathaven Pillay ✓ ... Do. do.
 Dewan Do. C. Patchappa Naicker ... Quilon Division.
 Asst. to Do. P. Thanu Pillay M. A. ... Do. do.
 Dewan Do. V. Nagam Aiyar B. A. ... Trevandrum Division.
 A. Govinda Pillay B. A. & B. L. Paroor Zillah Judge... In charge Padma-
 nabhapuram Division.

REVENUE SETTLEMENT DEPARTMENT.

Dewan Peishcar... S. Shunga Soobier.
 Deputy Peishcar ... Sooria Narayana Iyen.

JUDICIAL DEPARTMENT.

HIGH COURT OF TRAVANCORE.

A. Ramachandra Iyer B. L., ... Chief Justice.

W. E. Ormsby M. A. LL. D., Barrister-at-Law	...	} Puisse Judges.
K. Kunjan Menon	...	
T. R. Narayana Pillai ✓	...	
T. Kunhi Raman Nair	...	
Ramaswami Sastrikal	...	
C. S. Maragathavelu Mudaliar	...	Pundit.
...	...	Registrar.
...	...	Manager.
T. Harihara Subbayyan	...	Sheristadar.
S. Padmanabha Iyer M. A.	...	Head Sircar Vakil (Acting for the 1st Judge of the Allep- pey Zillah Court.)

I. H. Prince... Acting Do.

*Licensed Pleaders in the High Court, who have authority
to plead in the Zilla and Munsiff Courts.*

* William Sydenham Gantz, Barris- ter-at-Law	† Aravamutu Ayyankar Sastri
Do.	Ramasubba Sastri
* Alfred G. Gover,	Renga Ayyankar Sastri
† Jegannatha Row	* Sivarami Sastri
Govinda Row	Sivarama Krishna Ayyan
P. Govindan Nambutiri	N. S. Subramannya Ayyan
* Viraraghava Ayyankar	I. H. Prince
Venkatarama Ayyankar	* G. Vansomeren, Barrister-at-Law
† Sesha Ayyankar	Krishna Ayyan
G. Krishna Ayyar	* S. Locke, Barrister-at-Law
Nampi Ayyankar	† Krishnan Kunjan
Matrakumaravami Pillai	R. Vela Pillai
† Sthanu Sastri	† Kunja Pillai
V. Arathan Pillai	† T. B. Achutan Pillai
† Krishnachari	† Narayana Kunjan
† J. G. Verneade	† Narayana Kaimal
† Sundara Sastri	Gopala Menon
† Anna Sastri	G. Rama Row
R. Ramanatha Row	M. Swaminatha Pillai
† Gopala Sastri	* R. K. Venkavami Row
† H. M. Walker	* C. Luke
† V. Ramaswami Sastri	† C. N. Keshava Pillai

Subbramanayya Ayyan	S. Muttuswami Ayyan
† P. J. Ponnem	* Kuruvila Tomman
Vinayampi Ayyankar Sastri	† G. Lakshmana Row
† S. Muttukrishna Pillai	† Sri Bhaktavatsalachariar
* S. Tirumalachariar, B. A. & B. L.	† K. G. Kochukunju Menon
E. Rama Ayyan	† Govinden Narayanan
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* Padmanabha Pillai	* G. Venkata Subramani Ayyan
* Subbaya Pillai	† G. Govinda Pillai
* V. Narasimha Row	† Samhasiva Ayyan Subramani Ayyan
* E. A. Godfrey	† N. Subramania Ayyan
* Robert Wilson, Barrister-at-Law	† S. Sivarama Ayyan
† S. Krishna Ayyan	† M. Ramaswami Sastrial
R. Nilakantha Ayyan, B. A.	† K. Ramaswami Sastrial
* P. S. Narasimha Ayyan, B. A. & B. L.	† K. Atchuthan Pillai
* C. S. Ramalingam Ayyan, B. A. & B. L.	† K. N. Kesava Pillai
* Edward William Wilkins Attorney	Gopula Ayyankar
* Reginald Thomson Barrister-at-Law	Krishna Ayyankar
* William Morgan Attorney	† S. Dharmaraja Ayyan
* M. Mathew, B. A. & B. L.	* V. Mathan
V. Padmanabha Ayyan	V. Srinivasachariar
M. Venkatasubbu Ayyan	† Senu Ayyan Swami Ayyan
B. Bagavati Ayyan	† M. Venkataramana Ayyan
S. Padmanabha Pillai	Vijayaraguvachariar Sastrial [Law.
Venkatarama Ayyankar	* Patrick Dunlop Shaw, Barrister-at-
N. Madhava Ayyan	† H. Ramasubbayyan, B. A.
† C. N. Joseph	Francis Xavier Augustus.
† T. Krishna Ayyankar	* B. Ramani Pillai.
V. Ramaswami Ayyan	K. C. Joseph, B. A.
M. Krishna Ayyan	* T. V. Krishna Row, B. A. & B. L.
† S. Muttu Ayyan	* M. K. Ramachandra Row B. A.
S. Govinda Pillai	
K. Venkatarama Ayyankar	* M. Govinda Menon.
† S. Anantarama Sastrial	* Joseph Eapen B. A. & B. L.
	* C. B. LeNauze Barrister-at-Law.

* These are not practising in the Travancore Courts at present.

† These do not practise in the Courts in Travancore at present.

DISTRICT OR ZILLA COURTS.

TRAVANCORE.

R. Reghunatha Row B. A.	 1st Judge.
C. Singaravelu Mudaliar	 2nd Judge (on leave.)
Srinivasa Ayyankar	 Ag.
R. Nilakantha Ayyan B. A.	 Sirkar Vakil.

Licensed Pleaders.

S. Anantarama Ayyan	Anandakrishna Ayyan	V. Krishna Ayyan
Padmanabha Ayyan	Alakiru Ayyankar	P. V. S. Subbu Ayyan
Reghunatha Row	K. Padmanabha Pillai	K. Krishna Pillai
S. Kumara Pillai	A. Anandarama Ayyan	Venkataswami Ayyan
S. Padmanabha Pillai	Nilakanthan Tamman	P. Sivarama Ayyan
Venkatesachalam Ayyan	V. Lakshmana Sastrial	Nilakanthan Paramiswaran
Raman Pillai	Sesha Ayyan Narayana Ayyan	Ayyan Pillai
A. Padmanabha Ayyan	B. Venkataswami Ayyan	P. Virupaksha Ayyan
R. Padmanabha Pillai	J. Lakshmana Ayyan	Raman Pillai
Narasimha Ayyan	N. Sankaranarayana Ayyan	Mudhavan Pillai
Sankaranarayana Ayyan	Krishna Ayyankar Sastrial	S. Venkatesachalam Ayyan
A. Govinda Pillai	A. Kumara Pillai	Ramakrishna Ayyan

L. Gopala Ayyan
J. Rengachariar
G. Raman Menon
Venkatesa Pillai
T. Arathan Pillai

S. Venkata Row
P. Subu Ayyan
M. Madhavan Tambi
K. Siderama Ayyan
Narayana Paramisvaran

P. K. Krishna Pillai
N. Venkataswara Ayyan
Haribara Ayyan
Padmanabha Ayyan
Gopala Ayyan

NAGEROOL.

G. S. Arianayagan Pillai B. A. & B. L. ... 1st Judge.
T. F. Lloyd ... 2nd Judge (Ag. for 2nd Judge)
H. Ramasubbayyan B. A. ... Sirkar Vakil. [Quilon.]

Licenced Pleaders.

V. Krishna Ayyan	Sabapati Pillai	R. Sankarasubbu Ayyan
Udayananta Ayyan	Samu Ayyan	Tanusebu Ayyan
T. Nilakantha Pillai	S. Subramani Ayyan	Kesava Pillai
Devaraja Ayyan	N. Sesha Ayyan	Anandanarayana Sastrial
Ramasubramanyya Ayyan	Tanu Ayyan	Alvar Ayy nkar
R. Krishna Ayyan	K. Subramania Ayyan	Anni Sastrial
Tanu Ayyan	Buthalingam Ayyan	Sankara Subbayyan
N. Padmanaba Ayyan	Sattunatha Ayyan	Padmanabha Ayyan
S. Narayana Pillai	Pugalumperumal Pillai	V. Venkataswara Ayyan
A. Ramachalam Ayyan	Srinivasa Ayyankar	Chithumbara Sastrial
Shankarasubramanyya Ayyan	M. Subramania Ayyan	
	N. Sankaralingam Pillai	
Sensapati Ayyan	Regupati Ayyan	
Venkatakrishna Ayyan	K. Kamara Pillai	

QUILON.

C. S. Gressaux ... 1st Judge.
T. C. Krishna Menon B. A. & B. L. ... 2nd Judge (on special duty)
M. Krishna Pillai B. A. ... Sirkar Vakil. [at Alleppey.]

Licenced Pleaders.

R. Narayana Ayyan	Andi Pillai	Venketarama Ayyankar
Krishnan Pantala	G. Kasava Pillai	Anandarama Ayyan
Nilakantha Pillai	Goviada Kaimal	Paramisvara Ayyan
Minakshisubbayyan	Itiradicha Kuruppa	Narayana Pillai
T. Krishna Sastri	Aramoota Chariar	K. Raman Pillai
S. Govindan Pantala	R. Venketarama Ayyan	Kannan Narayanan
Ganapathi Ayyan	Srinivasa Ayyankar Sastri	Karamisvaran Pillai
Sesha Ayyan	N. Subramania Ayyan	P. Narayana Ayyan
Nagoji Row	Ramamutha Ayya	Paravar Kesava Pillai
Gopala Sastrial	A. Subramania Sastri	Ramanarayana Ayyan
Subbayyan	Venkedesura Ayyan	N. Venketarama ayyan
Kesava Pillai of Trevan.	S. Kalinarama Ayyan	

ALLEPPEY.

W. T. A. Cosby ... 1st Judge (on Furlough to)
S. Padmanabha Ayyan B. A. ... Ag. 1st Judge. [Europe.]
M. Chokalingom Pillai B. A. ... Do. 2nd Judge.
Sundrum Ayyan ... Sirkar Vakil.

Licenced Pleaders.

A. Sankaranarayana Ayyan	Krishna Varier	Sesha Ayyankar Kuppa
N. Gopala Pillai	S. Svaninatha Sastri	Ayyankar
K. Nannu Pillai	S. Sendra Ayyan	K. Krishna Ayyan (Kann)
S. Janardanasethupathi	J. Krishna Ayyan	Nilakantha Pillai of Vira-
K. Sankarasubramanyya Ayyan	Srinivasa Ayyankar	Vela Pillai of Viackam
S. Ramaswami Ayyan	K. Narayana Menon	Cosby
Vitaraghava Ayyan	R. Padmanabha Ayyan	S. Kochukunja Pillai

K. Vela Pillai	C. Nilakantha Pillai	Sankara Subbu Ayyan
P. Ayyakutti Ayyan	V. Venkatarama Ayyan	M. R. Nilakanta Pillai
K. Ponna Ayyan	R. Krishna Sastri	N. Krishna Pillai
Paipu Ayyan	V. R. Ramaswami Ayyan	S. Kalapppe Menon
E. Naras Menon	R. Krishna Ayyan	R. Kesava Pillai
A. R. Subramania Ayyan	N. Narayana Potti	Kuppanyan
A. Suriyaretayana Ayyan	Nilakanthan Chakkier	S.
C. Nilakantha Pillai	R. Arunachalam Ayyan.	K. Parumal Pillai
K. Kochukrishna Pillai	R. Sundram Ayyan	C. Subramania Pillai
S. Srinivasachariar	G. Padmanabha Pillai	K. Vela Karuppu
Krishna Fedaval	Krishna	

PARAVUR.

V. Venkata Row	...	...	Ag. Judge.
O. Marthanda Pillai	...	...	Sirkar Vakil.

Licensed Pleaders.

Syed Badcodeen	Sami Ayyan	Kosava Pillai
Krishna Menon	Krishna Ayyan	Genapati Ayyan
Velu Pillai	Krishnan Nambiar	Marthanda Pillai
Govinda Kuruppu	Kumara Pillai	Sandra Sastri
Pichu Ayyan	Achuta Menon	Enjha Ayyan
Govinda Pillai	Narayana Menon	T. R. Govinda Pillai
Annattara Sastri	Nilakantha Pillai	
Kama Ayyan		

MUNSIFF COURTS.

FIRST CLASS.

K. Krishna Pillai	...	...	Sherayankil.
Sivsubramania Pillai	...	...	Nagercoil.
Srinivasa Ayyankar	...	...	Trevanurum Addl. (on other
M. Hoogewerf	...	...	Krishnapuram. [duty.]
Subramonia Pillai	...	...	Quilon (Ag.)

SECOND CLASS.

Vaidianatha Iyen	...	...	Paravur.
Subba Dikshathar	...	...	Trevandrum.
Subramania Sastri	...	...	Vykom.
Harishara Ayyan	...	...	Padmanabhapuram.
M. Varkki	...	...	Cottayam.
J. D. Lemos	...	...	Alleppey. (temporary.)

THIRD CLASS.

T. Mathai	...	...	Shenkotta.
Ramalingam Ayyar B. A. & B. L.	...	...	Neyattunkara.
N. Ramakrishna Pillai	...	...	Tiruvella.
Ramachandra Row B. A. & B. L.	...	...	(On probation) Ambalapola.
Ponnambalam Pillai	...	...	(Ag.) Aripad.
M. Subramania Pillai B. A.	...	...	(Ag.) Kottarakam.
Narayanan Tampi	...	...	(Ag.) Muvattupuzai
Ananda Row B. A.	...	...	(In temporary charge of the Trevandrum Addl. Munsiff's Court.)

COURT OF APPEAL FROM THE DECISIONS OF SPECIAL MAGISTRATES.

W. E. Ormsby, M. A. LL. D.	...	Barriester-at-Law, Special Appellate Judge.
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SPECIAL MAGISTRATES FOR THE TRIAL OF OFFENCES COMMITTED BY EUROPEAN BRITISH SUBJECTS.

Major W. D. Brodie Ketchen	...	...	Trevandrum.
J. Rohde	...	...	Alleppey.
C. J. Malby	...	...	Peermade.

MAGISTRATES OF THE 1ST CLASS.

T. Rama Row	...	Northern Division.
P. Mathaven Pillay	...	Do.
C. Patchappa Naicker	...	Quilon Division.
P. Thann Pillay, M. A.	...	Do.
V. Nagam Aiyar, B. A.	...	Trevandrum Division.
A. Govinda Pillay B. A. and B. L.	...	Padmanabhapuram Do.
J. Rohde	...	Alleppey Town.
C. J. Maltby	...	Cardamom Hills.
T. Rajarama Row, B. A.	...	Salt Pans.

MAGISTRATES OF THE 2ND CLASS.

D. C. C. Grant	...	Coffee Districts.
Neelacunda Iyen B. A.	...	Trevandrum Town.
Lakshmana Iyen	...	Trevandrum Taluk.
Pulpanaba Pillay	...	Sheringiel.
Letchmana Iyen	...	Neyattinkaruy.
Pulpanaba Naidoo	...	Thovallay.
C. Oolunthavaloo Mudaliar, B. C. E.	...	Irrigation Dept. Nanjenda.
Huri Row	...	Augusteeswaram.
Soobramanya Pillay	...	Eranial.
Peraviperoomal Pillay B. A.	...	Quilon.
Ramaswamy Iyen	...	Pathanapuram.
M. R. Krishna Row	...	Shencottah.
Govinda Pillay	...	Karunagapully.
Ramaswamy Iyen	...	Kartigapully.
Mathaven Pillay	...	Ambalapulay.
Mathaven Pillay.	...	Shertallay.
Varatha Iyen	...	Vyoom.
Moothookrishna Naidoo	...	Cottayam.
Sathisvageswara Iyen, B. A. ✓	...	Chungamacherry.
Narayana Pillay	...	Paravur.
Andy Iyen	...	Yettumanoor.
Soobba Iyen	...	Kunnathnad.
Paramashuren Pillay	...	Tiruvellah.

MAGISTRATES OF THE 3RD CLASS.

Southern Division.

Valoo Pillay	...	Culculom.
Pulpanabha Iyen	...	Velavenende.
Pulpanabha Pillay	...	Cottar.
Cochoo Ayyappan Pillay	...	Colachel.
C. Kohlhoff	...	Colachel (Master Attendant)
S. Narayana Row	...	Aramboly.

Trevandrum Division.

C. Krishna Iyen	...	Oolsavamadam.
Nannoo Sastrial	...	Nedoovengand.
Valoo Pillay	...	Parachallay.

Quilon Division.

Rama Row	...	Mavalikaray.
Runga Row	...	Cunnathoor.
Chembaca Raman Pillay	...	Chenganoor.
Ramen Pillay	...	Cottaracuray.

Quilon Division.

Shangra Pillay...	...Paravoor.
Pulpanaba Pillay...	...Puthanamthitta.
M. G. Mathan B. A.	...Colathoorpolay.
Anandaramen Pillay	...Kayencoolum.

Cottayam Division.

Narayana Pillay	...Meenachel.
Eravi Pillay	...Moovattupalay. *
Kashava Pillay	...Thodupalay.
Govinda Pillay	...Alengaud.
Kathaven Thumby	...Edappilly.
Kumara Pillay	...Aroocooty.
Kumaraswamy Pillay	...Kottayam.

Town of Alleppey.

Yagappa Pillay	...Alleppey.
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TAHSILDARS.*Southern Division.*

Pulpanabha Naidoo	...Acting Tahsildar Thevalay.
Harri Row	...Do. Do. Augustoeswaram
Soobramoney Pillay	...Tahsildar Eraniel.
Valoo Pillay	...Acting Do. Culculam.
Pulpanabha Iyen	...Do. Do. Velavencode.

Trevandrum Division.

Lakshmana Iyen	...Acting 1st Tahsildar, Trevandrum.
C. Krishna Iyen	...2nd Tahsildar Do.
Pulpanaba Pillay	...Acting Tahsildar Shereingeil.
Nanoo Sastrial	...Do. Tahsildar Nedooovengad.

Quilon Division.

Peraviperumal Pillay B. A.	...Acting Tahsildar Quilon.
Ramen Pillay	...Do. Do. Cottaracurray.
Ramaswamy Iyen	...Do. Do. Puthanapuram.
Krishna Row	...Do. Do. Shenectah.
Paramashuren Pillay	...Do. Do. Tiruvellah.
Runga Row	...Tahsildar Cunnathoor.
Govinda Pillay	...Acting Do. Karunagapully.
Ramaswamy Iyen	...Do. Do. Kartigapully.
Mathaven Pillay	...Do. Do. Ambalspolay.
Rama Row	...Do. Do. Mavalikaray.
Chembaca Ramen Pillay	...Do. Do. Chenganoor.

Cottayam Division.

Mathaven Pillay	...Tahsildar Shertalay.
Varatha Iyen	...Do. Vycome.
Andi Iyen	...Do. Ettimanoor.
Moothookrishna Naidoo	...Do. Cottayam.
Sathiswagiswara Iyen B. A.	...Do. Chungannacherry.
Narayana Pillay	...Do. Meenachel.
Eravi Pillay	...Do. Moovattupalay.
Kashava Pillay	...Do. Thodupalay.
Sooba Iyen	...Do. Kunnathunaud.
Govinda Pillay	...Do. Alengaud.
Narayana Pillay	...Do. Paravoor.

TRAVANCORE POLICE.

O. H. Bensley, B. A.

Superintendent of Police Travancore. (on Furlough to Europe)

J. Ramiah Naidu,

Acting Superintendent of Police Travancore.

R. B. Ferguson Ag. Asst. Superintendent of Police Cothayam Division.

M. Tharuvikramen Thumby Ag. Asst. Superintendent of Police

Quilon Division.

N. Paramoo Pillay.	Inspector of Police.	Office Inspector.
S. Sankara Iyer.	Sub. do.	Circuit Inspector.
S. Paramaswaren Pillay.	do. do.	Audit Inspector.
P. Mathiew B. A.	Inspector of Police.	School and prosecuting Inspector.
A. Samuel.	Sub. do.	Assistant.
S. R. Swyny.	Inspector do.	Reserve Inspector.
C. Matcher.	Sub. do.	Treasury escort Inspector
Mullan Pillay.	do. do.	Jail Inspector.
Anandanarayana Iyen.	Sub. do.	Thovalay.
Chanda Meah Vully meah	Inspector do.	Aramboly Frontier.
P. Runganatha Pillay.	do. do.	Agusteeswaram.
Perumal Pillay.	Sub. do.	Kottar Town.
Moothiah Pillay.	Inspector do.	Eranjel.
S. Matheven Pillay.	Sub. do.	Calculam.
K. Narayana Iyer B. A.	do. do.	Vilavencoda.
Eresha Menon.	do. do.	Neyattinkara.
R. Krishna Row.	Inspector do.	Trevandrum Town.
S. Wintle.	do. do.	do.
R. Puddhanabha Pillay.	Sub. do.	do. Taluq.
B. Puddhanabha Row.	do. do.	Nedoovengaud.
M. Thair Ali.	Inspector do.	Sheraingil.
Abdula Shaib Mannuvar.	do. do.	Quilon Taluq.
W. H. D. Lemos.	Sub. do.	do. Town.
K. Ramaswamy Pillay.	Inspector do.	Kottarakaray.
Beram Khan.	do. do.	Pathanasapuram.
Syed Abdul Cawder.	do. do.	Shencottah.
Krishnan Thumby.	Sub. do.	Onathoor.
Pulphansabha Pillay.	do. do.	Karunagapully.
S. V. Hurryhura Iyer.	Inspector do.	Kartigapully.
P. Ramem Pillay.	do. do.	Mavelikaray.
K. Veloo Pillay.	Sub. do.	Chenganur.
T. R. Paramaswaren Py.	do. do.	Tiruvellah.
S. Soobramony Pillay.	do. do.	Alleppey Town.
R. Ramen Pillay.	do. do.	Ambalapulay.
P. S. Ganapathy Pillay.	Inspector do.	Pulleancunnoo Back-
G. Venkatasubramony		water Patrol Inspector.
Iyer.	do. do.	Cottayam Taluq.
A. J. De'Veigas.	do. do.	Chengamacherry.
Narayanan Oomnythan.	Sub. do.	Menschel.
P. R. Krishna Iyer.	Inspector do.	Yettumanur.
K. Narayana Row.	do. do.	Moovattupulay.
C. Abraham.	Sub. do.	Todupulay.
J. A. Stevenage.	do. do.	Kunattunand.
M. Mahomed Hussin.	Inspector do.	Shertalay.
Ramen Unny Peram-		
bara Nair.	do. do.	Vycome.
E. Gallyot.	do. do.	Alungaud.
Sivaramen Pillay.	Sub. do.	Pakavoor.
Henry Hoogewerf.	do. do.	Trevandrum Reserve.

REGISTRATION OF ASSURANCES.

INSPECTORS.

Vythianatha Iyen... ..Inspector of Trevandrum Range.
 Krishna Pillay Inspector of Quilon Range.
 Vittalapy Inspector of Shertallay Range.

DISTRICT REGISTRARS.

RANGE.	DISTRICTS.	CLASS.	NAMES OF REGISTRARS.
Trevandrum.	Thovalay	4	Pathmanaba Pillai.
	Agusteeswarem	1	Krishnaswamy Iyengar.
	Eraneel	2	Ramen Pillai.
	Do. Additional	2	Narayana Pillai.
	Calculom	2	Sivathanooven Thumby.
	Velavancode	3	Valoo Pillai.
	Neyattencurray	2	Coomara Pillai.
	Do. Additional	2	Soothramani Aiyen.
	Nedoovengand	3	Sreenivasa Iyengar.
	Trevandrum	1	Narasingham Pillai.
Shertallay.	Sherayenkeel	1	Soondraswara Aiyen.
	Quilon	2	Ranganatha Row.
	Cottaracurray	4	Shungarnarayana Aiyen.
	Pathanapirom	4	Madaven Pillai.
	Shencottah	3	Hutribara Aiyen.
	Connathoor	4	Narayana Pillai.
	Carungapully	1	Appa Aiyen.
	Cartigapully	1	Pathmanabha Pillai.
	Mavalicurray	2	Cochonikurthavoo.
	Chenganoor	4	Neelacunda Aiyen.
Quilon.	Thiruvellah	3	Coomara Pillai.
	Ambalapalay	1	Sasha Aiyen.
	Chenganacherry	3	Shungara Pillai.
	Shertallay	2	Govinda Pillai.
	Vycome	3	Krishna Aiyen.
	Yestoomamoor	4	Shuhguony Menon.
	Cottayam	4	Valoo Pillai.
	Meenachel	4	Sreenivasa Aiyen.
	Thodupalay	4	Shungara Pillai.
	Moovattoopalay	4	Krishna Pillai.
Quilon.	Cunnathaud	4	Ejnanarayana Aiyen.
	Allungaud	4	Krishna Aiyen.
	Paravoor	4	Anantha Krishna Aiyen.

MEDICAL DEPARTMENT.

Surgeon Major J. M. Houston, M. D.,
 Physician to His Highness the Maha Rajah of Travancore.
 Assistant Surgeon S. Pulney Andy, M. D., F. L. S., (Med. Est.)
 Superintendent of Vaccination. (on Furlough.)

COMMENCEMENT OF SERVICE.	NAME.	DATE OF PRESENT RANK.	REMARKS.
ASSISTANT SURGEONS.			
August 1859...	S. B. Sawyer	August 1859...	General & Maternity Hospitals
February 1860...	T. Veerappa Pillay	Do.	Quilon
SUB-ASSISTANT SURGEONS.			
April 1867...	H. W. Martin	May 1873...	Alleppey.
November 1857...	T. Ramaswamy Pillay	Do.	F. H. the Eajah Rajah's Palace.
February 1850...	S. Veerappa Pillay	September 1876...	Assistant Surgeon.
August 1859...	S. B. Sawyer	Do.	Do.
May 1861...	M. J. Carvalho	April 1882...	Acting Supt. of Vaccination.
June 1860...	T. Krishna Rajoo	August 1862...	Central Jail.
APOTHECARIES.			
July 1849...	T. Swamyatha Pillay	December 1869...	Mavalikary.
May 1856...	S. Krishna Pillay	May 1878...	Charity Hospital.
May 1891...	M. J. Carvalho	May 1881...	Superintending Sub-Asst. Sur.
Do.	P. Rosario	Do.	Nair Brigade.
1ST CLASS ASSISTANT APOTHECARIES.			
June 1890...	E. Pulpooy Pillay	August 1875...	Pulpanthapocorum.
Do.	T. R. Appavoo Pillay	Do.	Nair Brigade.
May 1891...	K. Narayana Row	Do.	Cottayam.
Do.	X. Moothuqaswamy Pillay	Do.	Parakkal and Neyyattur.
August 1864...	J. S. Cross	August 1876...	Alwaye.
June 1844...	M. Neelacunda Pillay	July 1877...	Lunatic Asylum.
Do.	E. Valoo Pillay	Do.	Shertallay.
July 1863...	G. Arumulan Pillay	Do.	Palace.
December 1865...	N. Govinda Pillay	December 1877...	Do.
August 1882...	John Gomez	August 1882...	Medical Store keeper.
2ND CLASS ASSISTANT APOTHECARIES.			
November 1873...	F. P. Fernandes	November 1879...	Nagercoil.
Do.	J. LeBonchardiere	Do.	Peermade.
Do.	Joseph L. Gomez	Do.	Cottayam.
Do.	M. Hamid Hussein Sahib	June 1880...	Moovattupuzha.
July 1874...	C. Tharayun Pillay	September 1882...	Shencottah.
November 1873...	N. Sooboo Pillay	Do.	Medical Stores.
July 1877...	A. Moothuqaswamy Pillay	July 1883...	Alleppey.
3RD CLASS ASSISTANT APOTHECARIES.			
July 1879...	S. Thoppaya Pillay	July 1876...	Special duty, Neduvengad.
Do.	V. Narayana Pillay	July 1877...	Yachupuzha.
October 1879...	M. Mathias	October 1880...	Central Jail.
Do.	S. E. DeLemos	Do.	Oardamm Hills.
Do.	K. Ramen	Do.	Ponmanay.
January 1880...	N. Neelacunda Pillay	January 1881...	General Hospital.
Do.	K. L. Viegna	Do.	Charity Hospital.
Do.	K. Fakhin Sahib	Do.	Quilon.
MEDICAL STUDENTS.			
	N. J. Daniel		
	C. J. Viegna		
	M. Muthu Pillay		
	A. Krishnaswamy Pillay		
	V. Ramen Pillay		
	K. S. Valoo Pillay		
	E. Neelacunda Pillay		
			Medical School, Trevandrum.

DURBAR PHYSICIAN'S OFFICE.

T. A. Shunmoogum Pillay	...	...	Correspondence Clerk.
C. S. Mathava Iyer	...	...	Asst. Do. Do.

GENERAL MEDICAL STORES.

S. Leitchman Pillay	...	...	Writer.
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GENERAL AND MATERNITY HOSPITALS, TREVANDRUM.

The Physician to His Highness the Maha Rajah,
Superintendent.

S. B. Sawyer	...	...	Assistant Surgeon.
Mrs. M. Morrison	...	...	(Madras Midwifery Diploma) Matron.

CHARITY HOSPITAL, TREVANDRUM.

The Physician to His Highness the Maha Rajah,
Superintendent.

S. Krishna Pillay	...	...	Apothecary.
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LUNATIC ASYLUM, TREVANDRUM.

The Physician to His Highness the Maha Rajah,
Superintendent.

M. Neelacunda Pillay	...	...	Apothecary.
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VACCINATION.

S. Pulney Andy, M. D., F. L. S.,
Superintendent (on Furlough.)

M. J. Carvalho	...	...	Acting Superintendent.
V. Davasagayam	...	...	Writer.
R. Gopala Pillay	...	...	Head Vaccinator.

The Establishment consists of 35 Vaccinators divided into 4 classes.
The Vaccination Department is under the orders of the Durbar Physician.

TRAVANCORE MEDICAL SCHOOL.

Ex-Officio Principal...	...	The Durbar Physician.
Lecturers	...	Surgeon J. Leonard, I. M. D. S. Pulney Andy, M. D., F. L. S., (on Furlough.) John Gomez, Madras Medl. College
Anatomy	...	Practice of Medicine.
Physiology	...	Midwifery.
Materia Medica	...	Forensic Medicine.
Surgery	...	Vaccination.
Clinical Medicine and Surgery	...	Practical Pharmacy.

N. B. The courses occupy four years two or three subjects are taught in a year.

TRAVANCORE GOVERNMENT ESTABLISHMENTS, INSTITUTIONS, OFFICERS, &c.,
MILITARY.
NAIR BRIGADE.

Rank and Name.	Date of Appointment to Travancore Government.	Date of Commission in Her Majesty's Army.	To what Corps and Presidency belonging.	Rank and Appointment in the Travancore Service.
Major W. D. Brodie Ketchen	25th July 1873.	1st October 1877.	M. Lt. Cavalry	Commanding—Has Precedence of a Brigadier General in Travancore G. O. No. 342 dated 4th July 1881.
Lt. J. A. Wyllie	18th Nov. 1883.	20th Sept. 1876.	M. S. C.	Comd. 1st Bn. and Artillery—Has Precedence of a Major Gen.
Captain M. E. H. O. Welch	4th Sept. 1882.	26th July 1882.	M. S. C.	Commandant 2nd Batt.—Has Precedence of a Major in Travancore G. O. No. 342 dated 4th July 1881.
STAFF.				
Captain M. E. H. O. Welch				Staff Officer.
Lt. J. A. Wyllie				Quarter Master.
Surgeon J. Leonard	21st Sept. 1882.	31st March 1880.	Indian Medl. Dept.	In Medical charge.
Kally Pillay	16th Nov. 1847.			Subadar Major, 1st Battalion.
Kristna Pillay	28th October 1839.			Do. Do. 2nd Battalion.
C. A. Matcher	13th Do. 1867.			Band Master.
J. Matcher	1st Do. 1878.			Asst. Band Master.

UNIFORM... { BODY GUARD—Royal Blue, Facing White, Lace Gold.
 { ARTILLERY—Royal Blue, Facing Scarlet, Do.
 { INFANTRY SCARLET. { 1st Battalion, Facing Olive Green, Lace Gold.
 { 2nd Battalion, Facing Royal Blue, Do.

Establishment of a Battalion of Infantry—1 Subadar Major, 7 Subadars, 1 Jemadar Adjt., 7 Jemadars, 1 Regimental Havildar Major, 1 Drill Havildar, 39 Havildars, 1 Drill Naigue, 39 Naigues, 590 Privates, 1 Drummer, and Five Major, 11 Drummers and 11 Fifers Total 710.

Establishment of the Artillery—1 Jemadar, 2 Havildars, 2 Naigues 25 Gunners, Total 30.

Establishment of the Body Guard—1 Subadar, 1 Jemadar, 1 Regimental Havildar Major, 1 Drill Havildar, 2 Havildars, 4 Naigues, 1 Farrier, 2 Trumpeters, 2 Rough Riders, 45 Privates, 2 Puckalies, 1 Nalband, 1 Chowdry, 1 Peon, 25 Syces, 60 Grass-cutters, 1 Veterinarian, 1 English Writer, 2 Writers, 1 Mooshee, 1 Chukler, 1 Tanner, 1 Smith, 1 Bullock Driver, Total 159. 3 Elephants, 60 Horses, 2 Bullocks.

Attached to the Brigade.—1 Serjt. Major, 1 Quarter Master Serjt., 1 Band Master, 1 Assistant Band Master, 22 Musicians, 2 Apothecaries, 1 Interpreter, 4 English Writers, 21 Malayalam Writers, 1 Paymaster, 2 Accountants, 1 Store Superintendent, 1 Tailor, 5 Artificers, 2 Puckalies, 1 Chukler, 6 Sweepers 7 Toties, 1 Masalchee.

Total Establishment—1,594 of all grades—4 guns, 63 Horses, 2 Elephants, 2 Bullocks.

COMMANDING OFFICERS OF THE NAIR BRIGADE.

9th Regt. M. N. I.....	Captain A. McLeod.....	1815.
H. M's 30th Regt.....	Captain O. W. Gray.....	1st July 1819.
H. M's 1st Regt.....	Major H. Farquharson.....	21st April 1829.
1st Lt. Cavalry.....	Captain G. Faris.....	30th August 1830.
4th Regt. N. I.....	Captain R. N. Campbell.....	2nd December 1834.
45th Regt. N. I.....	Lieut. (Bt. Captain) W. E. Lockhart..	22nd June 1842.
17th Regt. N. I.....	Captain (Bt. Major) J. Gunning.....	11th January 1844.
2nd Regt. N. I.....	Captain (Bt. Major) R. Shirreff.....	17th December 1845.
16th Regt. N. I.....	Major S. A. Grant.....	22nd June 1850.
2nd Regt. N. I.....	Captain (Bt. Lt. Col.) R. N. Fannee ...	20th July 1855.
M. S. C.....	Major H. Drury.....	21st April 1862.
M. S. C. (3rd Lt. Cavalry)	Major J. N. Maclean.....	10th May 1867.
23rd Regt. N. I.....	Captain (Bt. Major) S. W. Lennox.....	7th April 1869.
M. S. C.....	Major J. A. Ellis.....	16th November 1870.
M. S. C.....	Major A. F. F. Bloomfield.....	17th June 1872.
M. S. C.....	Major St. G. Caulfeild.....	23rd April 1873.
M. S. C.....	Major A. A. Davidson.....	6th June 1875.
M. S. C.....	Major A. A. Davidson.....	7th July 1875.
M. Lt. Cavalry.....	Major W. D. Brodie Ketchen.....	1st May 1876.
		25th February 1878.
		25th July 1879.

Acting.

Acting.

Acting.

PUBLIC WORKS DEPARTMENT.

A. H. Jacob, M. A., M. E. M. Inst. C. E.
Chief Engineer.

PERMANENT EXECUTIVE ESTABLISHMENT.

S. Horsley, Assoc. M. I. C. E.	...1st Assistant Engineer.
D. W. T. Valentine	...2nd Assistant Engineer.
C. B. B. Sherman, Assoc. M. I. C. E.	3rd Assistant Engineer.
J. Whitbread	...Supervisor.
...	Do.
...	Do.
J. Sinclair	...Assistant Supervisor.
A. G. King	...Do. (Acting)
...	Do.
P. Devanagony Pillay	...Overseer.
T. I. Chinnaswamy Naidoo	...Do.
T. A. Wood	...Do.
...	Do.
...	Do.
G. Ranganatha Pillay	...1st Class Assistant Overseer.
T. M. Soobraya Pillay	...Do.
N. Rangaswamy Pillay	...Do.
S. Armooda Iyengar	...Do.
K. C. Ninan	...Do.
...	Do.
V. Goopaswamy Iyen	...2nd Class Do.
M. Kashava Pillay	...Do.
N. Kashava Pillay	...Do.
C. R. Streesnevasa Iyengar	...Do.
W. H. McLean	...Do.
Geo. Eapen	...Do.
A. Gooroomoorthy Naidoo	...Sub-Overseer.
Annathoray Iyen	...Do.
Geo. Carvalho	...Do.
V. Soobramanya Iyen	...Do.
P. J. Ityerah	...Do.
P. J. David	...Do.
Manikavasagam Atchari	...Do.
...	Do.

SUPERNUMERARY ESTABLISHMENT.

W. G. Merah	...Assistant Supervisor.
S. V. Appavoo Pundit	...Overseer.

SURVEY AND DRAWING PUPILS.

...	...Draughtsman.
C. Moothoswamy Pillay	...Drawing Pupil.
V. Soobraya Pillay	...Do.

PERMANENT OFFICE ESTABLISHMENT.

Chief Engineer's Office, Travandrum.

C. R. Mitchell	...Manager.
T. Soobiah Pillay	...Head Correspondence Clerk.
T. M. Moothoswamy Pillay	...Assistant Do.

A. Vieyra	...Clerk.
A. C. Sootramanya Pillay	...Translator and Cashier.
T. M. Nullacunnnoo Pillay	...Accountant.
J. Jackson	...Head Draughtsman.
W. D. Wheeler	...Assistant Do.
D. Govind Sing	...Storekeeper.
H. Rigby	...Workshop Superintendent.

ASSISTANT ENGINEER'S OFFICE.

Quilon Division, Head Quarters, Quilon.

A. S. Gomez	...Head Clerk.
Geo. Brito	...Clerk.

Southern Division Irrigation Channels Branch Nagercoil.

R. Vythianatha Iyen ...	...Head Clerk.
T. M. Ramalingum Pillay...	...Cash Writer.
S. Courtallam Atchary ...	...Clerk.

Southern Division Roads and Buildings Branch Nagercoil.

J. D'Cruz	...Head Clerk.
A. Shungara Coomaroo Pillay	...Assistant Do.

Trevandrum Division, Head Quarters, Trevandrum.

J. Anthony	...Head Clerk.
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SALT DEPARTMENT.

T. Rajaram Row, B. A.
Deputy Peishkar of Salt Revenue.

SUPERVISING AGENCY.

Hurrihara Iyen	...1st Class Inspt. in charge of the Northern Range.			
Pitchu Iyen...	...2nd Do. Do.	Central	Do.	
Subba Row	...3rd Do. Do.	Southern	Do.	

ULAMS.

T. Rajaram Row	...Superintendent	Thamaraculam.
Sootramanya Pillay	...Assistant Do.	Do.
Sebastian Dias, B. A.	...Superintendent	Rajacamungalum..
Neelacunda Pillay	...Assistant Do.	Do.
R. Rungasadha Iyen B.A.	...Deputy Do.	Colachel.
Vullinayagom Pillay...	Do. Do.	Variyoor.
Charles Cleur	...Preventive Inspt.	Thamaraculam & Variyoor.
	... Do. Do.	Rajacamungalum and Colachel.

KUDUCHANDRUMS.

N. Streenivasa Row...	Superintendent	Alleppey.
	Do	Quilon.
Thanuvu Thumbu ...	Do.	Trevandrum.
Chellaperumal Pillay.	Do.	Munambum.

TANKS AND IRRIGATION.

C. Colunthasvaloo Mudaliar, B. C. S.
 Assistant Engineer in charge of Tanks and Irrigation, and
 Second Class Magistrate.

S. Shenachalam Pillay	...Head Accountant.
V. Samuel*...	...Sub Overseer.
Meenachi Naidoo ...	...Sub Overseer.
M. Padmanaba Pillay	...Correspondence Clerk.
S. Neelakanda Iyen	...Gumasta, Police.
P. Ramasamy Pillay	...Aminadar, in charge of Tank bunds.
P. Kumarasamy Pillay	...Vijarippu, Nanjensud Poothenar.
Suba Naik ...	... Do. Anandhanar.
K. Kumara Pillay ...	... Do. Puthmanabapuram Poothenar.
S. Soobramania Pillay	... Do. Palayar.
S. Kumarasamy Naik	... Do. Alathonyar.

REVENUE SURVEY DEPARTMENT.

James J. Tomlinson, Superintendent.

FIELD ESTABLISHMENT.

Thomas Quinless...	...Assistant.
D. Partasaradai Nayadu ...	...Deputy Surveyor.
J. A. Danshoe ...	... Do.
T. Kupasami Mudali ...	... Do.
*Muttu Pillai ...	... Do.
Field Surveyors ...	... 19

OFFICE ESTABLISHMENT.

*C. M. C. Regel ...	...Clerk.
P. R. Partasaradai Nayadu	...Draughtsman.

ESTABLISHMENT FOR THE SURVEY OF COFFEE ESTATES &c.

FIELD ESTABLISHMENT.

Jacob Janes ...	...Boundary Surveyor.
Joseph Janes ...	... Do.

OFFICE ESTABLISHMENT.

N. Munnusami Nayadu ...	...Draughtsman.
T. A'lam Khan ...	... Do.
C. Karana Kara Menon ...	...Computer.
S. Ramaswarayana Iyen ...	... Do.

OBSERVATORY, TREVANDRUM.

Pulpanaba Pillay ...	...In charge.
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TREVANDRUM PEOPLE'S LIBRARY.

Contains over 2,000 Vols. Subscription 7 cts. Monthly.

H. H. the Maha Rajah of Travancore...	...Patron.
J. Ross Esquire, M. A. ...	...Hony. Secretary & Treasurer.
M. LaBouchardiere, B. A. ...	...Managing Secretary.

GOVERNMENT MUSEUM.

The Museum is under the management of a Committee.

PRESIDENT.

W. Logan Esquire.

MEMBERS.

Major W. D. Brodie Ketchen

H. S. Ferguson Esquire.

Major W. D. Brodie Ketchen Honorary Secretary.

Mr. Richard Davey Superintendent.

Mr. J. T. Murray Head Writer.

1. This is a Museum of Natural History; Raw products used in the Arts and Manufactures; specimens of manufactures, Implements and Machinery; Antiquities; Scientific Instruments, Objects of art &c.

2. As the collections in the various sections are yet far from complete, specimens for any of them will be very acceptable.

3. The Museum is open gratuitously to the public daily, sundays excepted from 6½ A. M. to 5 P. M.

N. B. On the first Wednesday of every month, from 12 noon, the rooms are cleared and reserved exclusively for Gosha Ladies.

W. D. BRODIE KETCHEN MAJOR,

Honorary Secretary.

GOVERNMENT PUBLIC GARDENS.

The Public Gardens are under the management of a Committee.

PRESIDENT.

W. Logan Esquire.

MEMBERS.

Major W. D. Brodie Ketchen.

H. S. Ferguson Esquire.

Major W. D. Brodie Ketchen... ..Honorary Secretary

Mr. Richard Davey Superintendent

Mr. J. T. Murray Head Writer

Byrappaiah Head Gardener

1. The Zoological collection of the Gardens consists of a variety of interesting specimens 3 Tigers, 4 Lionsesses, 3 Cheetas, 1 Rhinoceros, 1 Malay Tapir, 1 Himalayan Bear, 4 Sambar, 5 Spotted Deer, 1 Barking Deer, 2 Mouse Deer, 1 Toddy Cat, 3 Hill Squirrels, 10 Brown Monkeys, 4 Black Monkeys, 4 Alligators, 2 Pythons, 2 Turtles, 3 Porcupines, 1 Tortoise, 1 Nilgai, &c.

2. The Aviaris contain 1 Emu, 2 Swans, 2 Lined Phassants and a variety of handsome Ornithological specimens.

PUBLIC GARDEN RULES.

1. The Garden shall be opened daily between 5 A. M. and 8½ P. M. after which hour the gates will be closed and no person will be permitted to remain in the Gardens except by special order.

2. Visitors are requested not to ride or drive on the footpaths and not to walk on the cultivated grass. They are also requested not to touch the flowers.

3. Carts and coolies with loads or baskets will not be allowed to enter.

4. Visitors are warned not to irritate or annoy the animals in any way whatever.

5. All animals found straying in the Gardens will be impounded.
 6. Smoking within the precincts of the Band Stand Promenade is strictly prohibited.
 7. Bullocks are not to be unyoked except in the place set apart for that purpose.

W. D. BRODIE KITCHEN, MAJOR,
 Honorary Secretary.

GOVERNMENT PRESS.

Geo. Bain,
 Superintendent.

M. Vythianatha Pillay ... Head Printer.

EDUCATIONAL DEPARTMENT.

ENGLISH.

H. H. THE MAHA RAJAH'S HIGH SCHOOL AND COLLEGE, TREVANDRUM.

Principal—John Ross, M. A.

COLLEGE.

John Ross, M. A. ... Professor of English and Mathematics.
 Robert Harvey, M. A., LL. D. ... Do. Do. Mental and Moral
 Philosophy and Logic.

A. Vallhanandam Moodaliar, B. A. ... Asst. Mathematics.
 M. LaBouchardiere, B. A. ... Do.—English.
 T. Muthukumaraswami Pillai, B. A. ... Asst. Philosophy.
 P. Ayappan Pillay, B. A. ... Do.—General (*temporary*).
 N. Ramakuruppu, B. A. ... Malayalam Moonshes.
 C. Swamynada Desikar ... Tamil Do.
 S. Vydianada Sastri ... Sanskrit Do.

HIGH SCHOOL.

C. Luke ... Teacher of the fifth Class.
 P. Pulpoo Pillay ... Do. Do.
 S. Eswara Aiyar ... Do. Do.
 V. R. Soobramanya Aiyar ... Do. Do.
 Fourth Class Teachers ... 6
 Third Do. Do. ... 5
 K. Purushothaman Pillay ... Assistant Mal. Moonshes.
 Writer ... 1

PREPARATORY SCHOOL.

Master ... T. Nagan Thambi.
 Assistant Masters ... 4
 Monitors ... 6.

LAW CLASS.

W. E. Ormsby, M. A., LL. D. Barrister-at-law...Professor.

DISTRICT SCHOOLS.

J. Ross, M. A. In charge.

K. Vasudava Row, Inspector.

I. A. Duthie M. A. ... Head Master High School Koter.
 K. Kunjuni Menone, B. A. Master District School Alleppey.
 K. Sita Rama Iyer ... Do. Quilon.
 S. Visuvanatha Iyer ... Do. Takalay

V. Krishna Iyen	...Master District School Shencota.
M. Mathew	...do. Kayankolam.
K. Shungaran Pandalay	...do. Mavalikaray.
L. Narayana Iyen	...do. Tiroovallah.
I. Daniel	...do. Changanacherry.
Visuvasom Pillay	...do. Sheringil.
T. Anandanarayana Iyen	...do. Attingal.
C. Pudmanaba Iyen	...do. Paravoor.
V. Shungara Pillay	...do. Always.
T. Bhoojunga Row	...do. Boothupandy.
R. Appathora Iyen	...do. Tiroovattar.
R. Valoo Pillay	...do. Colachel.
E. Vythinatha Iyen	...do. Eraniel.
T. M. Thomas	... (Ag.) do. Kottarakara.
K. Soobian	... (Ag.) do. Ambalapulay.
I. Vurky	... (Ag.) do. Aripad.
R. Easura Pillay B. A.	...do. Spl. School Mavalikaray.

SIRKAR SCHOOL FOR GIRLS, TREVANDRUM.

Lady Superintendent—Miss A. C. Donnelly.

SUBJECTS TAUGHT.

English and Indian History, Geography, Grammar, Composition, Physiology, Hygiene, Arithmetic, Lessons on objects, &c., in addition to the usual Educational routine. Accomplishments:—Music; Drawing; Plain Sewing, Ornamental Needle work, &c., &c.

VERNACULAR.

S. Rama Row,

Director of Vernacular Education.

DISTRICT SCHOOLS.

C. Krishna Pillay, B. A.	...Inspector, Southern Range.
Anandanarayana Iyen	...Do. Northern Do.
Pulpoo Thumby	...Do. Grant-in-aid Schools.
Pitcha Pillay	...Deputy Inspector
Pulpanaba Pillay	...Do.
Gopala Pillay	...Do.
Krishna Pillay	...Do.
Atchootha Varier	...Do.
Pulpanaba Iyen	...Do.
Cochoopillay Varier	...Do.
Valoo Pillay	...Do.
Amoorthanatha Iyen	...Do.
Sreenivasa Iyen	...Do.
Coonjookrishna Pillay	...1st Master, Central Vern. School.
Vencadaswara Iyen	...Do. Karamanay Girl's do.
Ganapathy Iyen	...Do. Fort do do.
Pulpanaba Iyen	...Do. Soochindram do.
Ramen Pillay	...Do. Kottar do.
Manikavasagam Pillay	...Do. do. Tamil do.
Easwara Iyen	...Do. Eraniel do.
Narayana Pillay	...Do. Neyattincaray do.
Paramaswaren Pillay	...Do. do. Girls' do.

Colathoor Iyen	...	...	1st Master Culcoolum Girls' School.
Parasoorama Iyen	...	...Do.	Thiroovattar do.
Valoo Pillay	...	...Do.	Velavancode do.
Ragoopathy Iyen	...	...Do.	Culcoolum do.
Shungara Pillay	...	...Do.	Nadoomungaud do.
Mahalinga Sastri	...	...Do.	Kottaracaray do.
Appavoo Pillay	...	...Do.	Arammuly Special do.
Janarthana Iyen	...	...Do.	Shereingeel do.
Mahadava Iyen	...	...Do.	do. Girls' do.
Ramakrishna Iyen	...	...Do.	Quilon do.
Venkitaswara Iyen	...	...Do.	do. Girls' do.
Govinda Varier	...	...Do.	Caroonagapully do.
Rama Iyen	...	...Do.	Kartigapully do.
Boothalinga Iyen	...	...Do.	Mavalikaray do.
Harihara Iyen	...	...Do.	Chenganore do.
Harihara Iyen	...	...Do.	Thirroovellah do.
Krishnen Oony	...	...Do.	Ambalapollay do.
Subramonia Iyen	...	...Do.	Sbertallay do.
Soobramony Iyen	...	...Do.	Vycome do.
Pudmanaba Iyen	...	...Do.	Cottayam do.
Krishnen Thumhy	...	...Do.	Chunganacherry do.
Vencadaswara Iyen	...	...Do.	Paravoor do.
Ramakrishna Varier	...	...Do.	Yattoomanore do.
Ramakrishna Iyen	...	...Do.	Shencottah do.
Shungoo Varier	...	...Do.	Kunnathnand do.
Parasoorama Iyen	...	...Do.	Soobhindram Girls' do.
Aroomoogum Pillay	...	...Do.	Thiroovattar do. do.
Spooha Iyen	...	...Do.	Shencottah do. do.
Appathura Iyen	...	...Do.	Chenganore do. do.
Krishna Manon	...	...Do.	Kunnathnand do. do.

PROVERTHY SCHOOLS.

NAME OF DISTRICT.	NUMBER OF SCHOOLS.
Thovalay	4
Agusteeswaram	6
Eraniei	9
Culcoolum	6
Velavancode	11
Neyattencaray	9
Trevandrum	5
Nedoomungaud	8
Sherainkeil	10
Quilon	9
Kottaracaray	7
Kunnathur	2
Pathanapooram	4
Shencottah	6
Karunagapully	7
Kartigapully	8
Mavalikaray	12
Chenganore	9
Thiruvellah	7
Ambalapollay	7
Cottayam	4
Chunganacherry	4

NAME OF DISTRICT	NUMBER OF SCHOOLS.
Meenachel	4
Vycome	7
Sherattal	6
Yetmanoor	5
Thodupolay	1
Kunnathnaud	5
Allengaud	2
Paravoor	3
Moovattupulay	1

GRANT-IN-AID SCHOOLS.

NAME OF THE APPLICANT FOR GRANTS	No. OF SCHOOLS.
In the Town of Trevandrum	25 Schools.
Revd. William Lee	47
Revd. I. H. Hacker	36
Revd. C. Yesudian	9
Revd. J. Emlyn	35
Revd. F. Wilkinson	19
Revd. J. Caley	17
Right Revd. Dr. E. Sargent, Bishop	3
Revd. F. Bower (In charge)	31
Most Revd. Mar Athanasius	90
Most Revd. Mar Dionysius	88
Revd. J. Duthie	5
Dr. T. S. Thomson	8
Patharoo	1
Cruso	1
Valoo Pillay	1
Pulpanaben Narayanan	1
Ramen Ramen	1
Narayana Pillay	1
Iyeppen Oodayan	1
Paramaswaran Valayudden	1
Paranchothi M. Veeravacu Thasikur	1
Easwaren Krishnen	1
Revd. Fr. Victor of St. Ant	7
Revd. W. Clarke	1
Revd. J. Allulia B. V. Souza Vicar of Poonthooray	1
Revd. Diogo A. J. deSouza Vicar of Valiathooray	1
Revd. Fr. Dominicus	1
Michale	1
Revd. C. A. Neve	4
Revd. Fr. J. B. Gonsalves	1
Easwaren Krishnen	1
Narayana Pillay	1

BOOK DEPOT, TREVANDRUM.

S. Shungra Pillay, B. A. Curator.

CENTRAL JAIL, TREVANDRUM.

The Physician to H. H. the Maha Rajah,
In Medical charge.

G. W. Boomgardt	...Superintendent.
Peerkhan	...Jailor Poojapura Sub-Jail.
Abdulasha	... Do. Central Jail.
G. R. Miranda	... Head Clerk.

TREVANDRUM CONSERVANCY ESTABLISHMENT.

A. Cochookrishna Pillay Sanitary Inspector.

PHOTOGRAPH DEPARTMENT.

Z. D'Crus Government Photographer and Clock and
Watch repairer.

COMMERCIAL DEPARTMENT ALLEPPEY.

J. Rohde, Commercial Agent.

K. Palpanaba Pillay Sheristadar.

W. P. Vieira Head Clerk.

MASTER ATTENDANTS.

J. Rohde Alleppey.

J. R. Rice Quilon.

C. Kohlhoff Colachel.

FOREST DEPARTMENT.

Conrad R. Vernede,

Conservator of Forests, In charge of the Government Teak
Plantations and the Keddah.M^r. Thomas Assistant to the Conservator.

R. Stevenage Do. Do.

J^{os}. Moreira Clerk.

CARDAMOM DEPARTMENT.

C. J. Maitly Superintendent and 1st class
Magistrate Cardamom Hills.

CUSTOMS DEPARTMENT.

J. Rohde Customs Master Alleppey.

J. R. Rice Do. Do. Quilon.

K. Soobramania Iyer, B. A. Supt. of Customs, Alleppey.

R. LaBouchardiere Do. Aracooty. (on other duty.)

Anandasoobramania Iyer Acting Do.

Venkutta Row Do. Ariencavoo Range.

S. Narayana Row Do. Aramboly Do.

Vencobba Row Do. Colachel Do.

Guffertzer Hoozain Preventive Insp. Munnabom Range.

Shaik Aboob Do. Sub-Inspector Do.

Theriy Khan Do. Inspector Aracooty Do.

Ameeran Do. Sub-Inspector Do.

MARYVILLE GARDEN PEERMADÉ.

R. Gonsalves Superintendent.

COFFEE DEPARTMENT.

D. C. C. Grant Ag. Supt. and 2nd class Magis-
trate Southern Coffee Districts.

BRITISH GOVERNMENT INSTITUTIONS AND OFFICERS IN TRAVANCORE.

JUSTICES OF THE PEACE IN TRAVANCORE.

W. E. Ormsby, M. A., LL. D., Barrister-at-Law...	Trevandrum.
R. Harvey, M. A., LL. D.,	Do.
Major W. D. Brodie Ketchen	Do.
O. H. Bensley, B. A.	Do.
J. Rohde	Alleppey.
C. J. Maltby	Peermada.
W. T. A. Cosby	Alleppey.
R. B. Ferguson	Cottayam.

MILITARY FAMILY PAYMENTS AND PENSIONS TREVANDRUM.

Capt. M. E. H. O. Welch	...In charge.
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POST.

J. Bower Esq.

Superintendent of Post Offices, Palamcottah Division.

I. Saminada Iyer	...Disbg. Post Master Trevandrum.
R. Shodalamoothoo Pillai	...Head Clerk (Ag) Do.
Thanoomallapuram Pillai	...2nd Do. Do.
Miss E. J. Boomgardt	...3rd Do. Do.
T. Chinniah Naidoo	...1st M. O. Do. Do.
I. Moorogheen Asary	...2nd M. O. Do. Do.
N. Tirumalai Iyengar	...Probationary Do. Do.
F. Francis Leene	...Sub-Post Master, Ag. Nagercoil.
Mr. J. D'Souza	...Do. (Ag) Quilon.
I. Soobramania Pillai	...Do. Alleppey.
Veerappa Pillai	...Clerk Do.
Stephen Leene	...Sub-Post Master Cottayam.
T. Krishnaswamy Chetty	...Do. Shertailay.
A. Subbiah Naidoo	...Do. (Ag) Colachel.
S. N. Peter	...Do. (Ag) Ashambo.
M. Easura Pillai	...Do. Anjengo.

ELECTRIC TELEGRAPH.

P. M. Madge.

Assistant Superintendent, Cochin Sub-Division in charge.

S. C. Mutusamy	...Telegraph Master, Alleppey.
R. S. D'Souza	...Do. Quilon.
L. C. Gomes	...Do. Trevandrum.
M. Krishnaswamy	...Do. Nagercoil.

INDIAN MARINE.

J. D. Chatterton	...Superintendent, British Government Light-house, Muttum.
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SUB-MAGISTRATES.

A. Nanoo Menon	...Anjengo.
G. Laporte	...Tangacherry.—Employed by the Sir- car to superintend its farm of Tangacherry.

THIRTY-FOUR SOVEREIGNS OF TRAVANCORE.

IMMEDIATELY PRECEDING HIS HIGHNESS THE PRESENT

MAHARAJA.

NAME.	Date of Ascension to the Munro.	Length of Reign.
1 Sri Veera Rama Marthanda Varma Raja	1335-36	40
2 Errawee Varma Raja.....	1375-76	7
3 Kaler Kulasekhara Perumal (for a short time).....	1382-83	
4 Chera Oodeah Marthanda Varma Kulasekhara Perumal Raja	1382-83	62
5 Wanaut Moota Raja	1444-45	14
6 Sri Veera Marthanda Varma Raja	1468-69	13
7 Addittea Varma Raja	1471-72	7
8 Errawee Varma Raja.....	1478-79	25
9 Sri Marthanda Varma Raja	1503-04	
10 Sri Veera Errawee Varma Raja	1504-05	24
11 Marthanda Varma Raja.....	1528-29	9
12 Oodeah Marthanda Varma Raja	1537-38	23
13 Kerala Varma Raja	1560-61	3
14 Addittea Varma Raja	1563-64	4
15 Oodeah Marthanda Varma Raja	1567-68	27
16 Sri Veera Errawee Varma Kulasekhara Perumal Raja..	1594-95	10
17 Sri Veera Varma Raja	1604-05	2
18 Errawee Varma Raja.....	1606-07	13
19 Onnee Kerala Varma Raja.....	1619-20	6
20 Errawee Varma Raja.....	1625-26	6
21 Onnee Kerala Varma Raja.....	1631-32	30
22 Addittea Varma Raja.....	1661-62	16
23 Oomayammal Rancee	1677-78	7
24 Errawee Varma Raja.....	1684-85	34
25 Onnee Kerala Varma Raja.....	1718-19	6
26 Rama Varma Raja.....	1724-25	5
27 Vanchi Marthanda Varma Kulasekhara Perumal Raja..	1729-30	29
28 Vanchi Bala Rama Varma Kulasekhara Perumal Raja..	1758-59	40
29 Bala Rama Varma Kulasekhara Perumal Raja.....	1798-99	13
30 Rancee Gournee Letsmy Bhye.....	1811-12	4
31 Rancee Gournee Farwathy Bhye	1815-16	14
32 Vanchi Bala Rama Varma Kulasekhara Perumal Raja	1829-30	18
33 Vanchi Bala Rama Varma Kulasekhara Perumal Baghiodya Marthanda Varma Raja	1846-47	13
34 Vanchi Bala Rama Varma Kulasekhara Perumal Baghiodya Rama Varma Maha Raja G. C. S. L.	1860-61	19
His HIGHNESS the present Maha Raja	1879-80	

British Residents of Travancore and Cochin.

Colonel C. Macaulay, appointed in 1800, relieved 4th March 1810.
 Colonel J. Munro, appointed 23rd March 1810, relieved 24th January 1819.
 Colonel S. McDonall, appointed 23d April 1819, died 7th November 1820.
 Colonel D. Newall, C. B., appointed 15th February 1821, relieved 1st May 1827.
 Colonel W. Morison, C. B., appointed 13th March 1827, relieved 7th Lieut.-Colonel E. Cadogan, (acting), appointed 25th December 1829, relieved 24th June 1834.
 J. A. Casamajor, Esq., appointed 14th April 1834, relieved 12th January 1836.
 Colonel J. S. Fraser, appointed 5th January 1836, relieved 15th August 1838.
 Captain A. Douglas, (acting), appointed 3rd August 1838, relieved 1st November 1839.
 Lieut.-Colonel T. Maclean, appointed 4th October 1839, died 31st Lieut.-General W. Cullen, appointed 8th September 1840, relieved 11th January 1860.
 F. N. Maltby, Esq., appointed 1st January 1860, relieved 1st May Wm. Fisher, Esq., appointed 1st May 1862, relieved 7th April 1864.
 H. Newill, Esq., appointed 15th April 1864, on Privilege leave 1867.
 A. MacGregor, Esq. (acting) appointed 26th February 1867, relieved 27th May 1867.
 H. Newill, Esq. resumed Office 27th May 1867, relieved 25th March G. A. Ballard, Esq., appointed 29th March 1869 on furlough 1870.
 J. I. Minchin, Esq., (acting), appointed 31st March 1870, relieved 22nd June 1871.
 G. A. Ballard, Esq., resumed Office 22nd June 1871, on privilege leave Major A. F. F. Bloomfield (acting), appointed 13th July 1874, relieved 14th October 1874.
 G. A. Ballard Esq., resumed Office 14th October 1874, on other duty 1875.
 Major W. Hay, (acting) appointed 19th April 1875, relieved 11th October 1875.
 A. MacGregor Esq., appointed 11th October 1875, to Europe M. C. 10th H. E. Sullivan Esq., (acting) appointed 10th March 1877, relieved 20th February 1878.
 J. C. Hannington Esq., (acting) appointed 20th February 1878, relieved A. MacGregor Esq., resumed Office 28th March 1879, to Europe M. C. 31st March 1881.
 J. C. Hannington Esq., appointed 1st April 1881. (on leave)
 W. Logan Esq., (Acting) appointed 5th May 1883.

Dewans of Travancore.

Oomany Thumbay	... 1808.	Soobrow	... 1839.
Deven Pulpansuben	... 1814.	V. Kristno Row, (in charge)	... 1842.
Shangoo Annary	... 1815.	Vencutrow	... 1843.
Ramen Menoven	... 1816.	Sreenecavassa Row, (in charge)	... 1843.
Vencutrow	... 1817.	V. Kristno Row	... 1847.
Vencata Row	... 1822.	Sir T. Madava Row	... 1853.
Soobrow	... 1830.	A. Sashiah Sastri	... 1872.
R. Runga Row, (acting)	... 1837.	N. Nahoo Pillay	... 1877.
R. R. R. Vencata Row	... 1838.	V. Ramiengar C. S. I.	... 1890.

CHRISTIAN MISSIONS IN TRAVANCORE. PROTESTANT.

LONDON MISSIONARY SOCIETY;—Commenced 1805.

Mission Stations.	When Com- menced.	European Missionaries and Native Pastors.	Arrived.	Ordained.	No. of Congre- gations.	No. of Chris- tians.	Schools.	Boys.	Girls.
Nagercoil	1809	Rev. James Duthie Rev. William Lee Rev. C. Sattianathan	1809 1803	1872 1866	58 13	6791 1887	68 36	2393 543	829 306
Tittuvilei	1806	Rev. C. Yesudian Rev. I. H. Hacker	1807 1812	1867 1872	48 13	8081 1887	45 36	2659 543	602 306
Neyoor	1828	Dr. A. S. Thompson Rev. A. Arumanayagam Rev. M. Nyanabranam	1807 1807 1807	1866 1807 1807	62 12537	1887 1887	53 1964	1964 417	417 1964
Pareyacholey	1845	Rev. James Emlyn Rev. William Fletcher Rev. Joseph Kamalam	1807 1807 1807	1867 1867 1867	35 4320	4320 23	674 271	271 674	271 674
Trevandrum	1838	Rev. Samuel Water, F. E. S. Rev. A. Devalam Rev. V. Messer	1809 1809 1883	1879 1883 1883	9 1011	1011 8	245 56	56 245	56 245
Quilon	1821	Rev. J. Knowles Rev. C. Samuel Rev. J. Joshua	1807 1807 1807	1878 1807 1807	2 1313	1313 2	805 328	328 805	805 328
Nagercoil (Pastorale)	1808	Rev. S. Zachariah Rev. C. Masillamani	1807 1807	1866 1867	2 2	1867 2	1867 2	1867 2	1867 2
Neyoor Do.	1806	Rev. Y. Arumanayagam Rev. J. Sellyam	1807 1807	1867 1867	2 2	1867 2	1867 2	1867 2	1867 2
Deenispuram Do.	1846	Rev. V. Solomon Rev. J. Nathaniel	1807 1807	1867 1867	2 2	1867 2	1867 2	1867 2	1867 2
Wervilei Do.	1847	Rev. P. Jacob Rev. B. Manassah	1807 1807	1867 1867	2 2	1867 2	1867 2	1867 2	1867 2
Noyattinkara Do.	1815	Rev. C. Sattianathan	1807	1867	2	1867	2	1867	2
Agastapuram Do.	1819	Rev. C. Sattianathan	1807	1867	2	1867	2	1867	2
Sonthapuram Do.	1819	Rev. C. Sattianathan	1807	1867	2	1867	2	1867	2
Devikodu Do.	1819	Rev. C. Sattianathan	1807	1867	2	1867	2	1867	2
Kadamalakunoo Do.	1819	Rev. C. Sattianathan	1807	1867	2	1867	2	1867	2
Amravilla Do.	1880	Rev. C. Sattianathan	1807	1867	2	1867	2	1867	2
					263	41894	313	8371	2376

Nagercoil Seminary:—The Rev. J. Duthie and 6 Native Teachers.

Nagercoil Press:—Total Pages, 16,65,296

CHURCH MISSIONARY SOCIETY.

The Right Reverend J. M. SPENCER, D.D., Bishop of Travancore and Cochin.

Names of Chief Stations.	European Missionaries and Native Clergy.	First arrived in the country.	No. of Christians.	No. of Schools.	Boys in Schools.	Girls in Schools.	Printing Press.	Book Depot.
Cottayam C. M. S. College	Rev. C. A. Neve, Principal	1879	...	...	280	...	...	...
" Cambridge Nicholson Institution and Model School	J. Coley	1871	...	...	20	...	...	...
" Boarding School	Mrs. Baker Senior	1818	...	...	110	...	...	...
" and Day Schools	Miss Baker	1856	...	...	...	48	...	...
" Hindu Girls Schools	Mrs. Nere	...	...	...	...	210	...	...
Alwaye Itinerancy	Rev. J. Calley, in charge	...	...	...	...	130	...	...
Trichur Mission	Rev. J. H. Bishop, B. A.	1867	915	7	141	52	...	...
Kunnankulam Mission	W. Clark	1850	867	12	396	93	...	...
Alleppey	F. Bower	1867	2674	14	368	71	...	...
Tiruvella	A. F. Painter	1857	821	3	28	13	...	...
Mundakayam	F. M. Curran	...	855	6	82	34	...	...
Melkavu	W. C. Kuruvella	...	...	...	...	...	...	...
Kunnakulam	P. Wirghese	...	...	...	...	...	...	...
Kandanada	P. F. Joseph	...	...	...	...	...	...	...
NORTH-EAST COAST, viz.—								
Cottayam Pastorate	K. Koshi, Vice Chairman	...	989	8	726	75	...	...
Pallam	K. Jaco	...	1941	10	238	158	...	...
Cochin	K. Kuruvella, Secretary	...	493	1	29	16	...	...
Trichur	J. Chandey	...	...	...	...	...	...	...
Olesha	K. Korutha	...	1045	4	167	24	...	...
Changanacherry	O. Mamen	...	867	7	120	30	...	...
Arpekkara	J. Calley, in charge	...	842	8	147	23	...	...
SOUTHERN COAST, viz.—								
Thalavadi	G. Curran, Vice Chairman	...	1064	5	94	21	...	...
Mavelikara	C. Ivis	...	272	5	*	*	...	...
Kodavayal	R. V. John	...	1020	7	131	32	...	...
Putuppalli & Katanam	C. Thomas	...	772	6	98	16	...	...
Elamur	A. T. Thoma, Secretary	...	520	4	122	32	...	...
Mallappalli	A. J. Jacob	...	1632	7	*	*	...	...
Kannit	...	...	880	5	168	30	...	...
The Rev. W. J. Richards.—In England.			17943	129	2925	1000	* Employing about 40 men and boys: Printing is done in Malayalam and English. Binding also and Type founding are carried on.	
" " J. Tharian.—Retired on pension.								

* No returns at hand.

CATHOLIC.

VICARIATE APOSTOLIC OF MALABAR—Established in December 1850.

His Grace the Most Rev. Dr. Leonard of St. Louis, O. D. O., Archbishop of Nicomedia, and Vicar Apostolic, arrived in India and Travancore 1851.

The Right Rev. Dr. Marcelino of St. Teresa O. D. O., Bishop of Puzos, and Coadjutor to the Archbishop, entitled to the right of future succession as Vicar Apostolic, arrived in India and Travancore 1854.

Stations.	Missionaries	Time of Arrival in Travancore No. of Christians	No. of Schools	No. of Boys in Schools	No. of Girls in Schools	No. of Students in Theological Seminaries.	Convents.		
							Stations.	Inmates of each convent.	
Coonemaw	The Very Rev. Father Philip of St. Joseph D. C. M. A. Vicar General and Rector of Apos. Seminary	1854					Magnamney...	33	Printing establish- ments 3
Cochin	Rev. Fr. Cherubim of St. Louis D. C. M. A.	1854	6	600			Coonemaw	28	
Cochia	Rev. Fr. Camillus of the Presentation D. C. M. A. Vicar	1870		6,246	2,929		Mananiam	19	
Alleppey	Rev. Fr. Candidus of the Sac. Heart of Mary D. C. M. A. Vicar	1870				222	Vannicollam	10	Parochial Church- es 196
Verapalay	Rev. Fr. Augustine of St. Mary D. C. M. A. Inspector of the seminaries	1871					Polingono	8	Chapels 39
Magnamney	Rev. Fr. Rombant of St. Elias D. C. M. A. Supr.	1878					Ambaracado	14	Latin Priests ... 44
Puthempully	Rev. Fr. Elianus of S. H. of Jesus D. C. M. A. Vice-Rector of the Seminary Puthem.	1878					Valluley	...	19 Syrian do. ... 360
Arthingel	Rev. Fr. Elias of St. Joseph D. C. M. A. Vicar	1878					Cochin	...	6 Seminaries... .. 4
Verapalay	Rev. Fr. Bonaventure of St. Francis D. C. M. A. Vicar	1878					Armatocaray	16	Catechumens. 5
Puthempully	Rev. Fr. Bonifacius of S. H. Mary D. C. M. A.	1883					Alleppey	...	4
Puthempully	Rev. Fr. Bernard of Jesus D. C. M. A.	1883							
Arthingel	Rev. Fr. Alphonsus Mary D. C. M. A.	1883							
Magnamney	Rev. Fr. Cyril of the Mother of God D. C. M. A.	1883							

VICARIATE APOSTOLIC OF QUILON.—ESTABLISHED ON THE 12TH MARCH 1845.

By Rev. Fr. LE ROBERTS of St. John Baptist, O. C. D., Bishop of Amboise arrived in India 1852.
 By Rev. Fr. FREDERICK of St. Maria Bishop of Massillonopolis, Administrator of the Vicariate arrived in India 1853.

Mission Stations and Sub-Stations.	Missionaries.	Time of arrival in Travancore.	No. of Chris- tians.	No. of Schools.		No. in Boys' Schools.	No. in Girls' Schools.	No. of Stu- dents in Theo- logical Sem- inaries.	Convents.	
				Eng.	Mal.				Sisters.	Brothers.
QUILON.										
Tulath—Sub-Stations 3	Rev. Fr. Ambrose, D. C. M. A.P.	1865		Eng.	Mal.					
Trevandrum—Sub-Stations	Rev. Fr. Mary Victor, D. C. M. A.P.	1867								
	Rev. Fr. Ferdinandus, D. C. M. A.P.	1857								
Cayancolam—Sub-Station 1	Rev. Fr. Lazar Fernandez, (Latin)									
Ambica—Sub-Stations 2	Rev. Fr. Marian Fernandez, (Latin)									
Kallitota—Sub-Stations 2	Rev. Fr. Thomas, (Syrian)									
Challaday—Sub-Stations 5	Rev. Fr. Emmanuel D'Almeida, (Latin)									
Thopoo	Rev. Fr. John, (Syrian)									
Tangacherry	Rev. Fr. Columbinus, D. C. M. A.P.	1851								
	Rev. Fr. Prosper, D. C. M. A.P.	1857								
	Rev. Fr. Francis, D. C. M. A.P.	1873								
	Rev. Fr. Augustine Chinnass, M.	1872								
Erivipooram—Sub-Stations 3	Rev. Fr. Bernardinus, D. C. M. A.P.	1872								
Mongott	Rev. Fr. P. Miranda, (Latin)									
Mangali—Sub-Stations 2	Rev. Fr. Eilene D'Rosario, (Latin)									
Angengo—Sub-Stations 2	Rev. Fr. Euphrosius, D. C. M. A.P.	1856								
Pudocoruculy—Sub-Stations 4	Rev. Fr. Peter Fernando, (Latin)									
Puttentop—Sub-Stations 2	Rev. Fr. Mathay, (Syrian)									
Vengotte—Sub-Stations 12	Rev. Fr. John Gonzalez, (Latin)									
Mulagomode—Sub-Stations 20	Rev. Fr. Eugenius Verleure, N. A.P.	1862								
Carnagode—Sub-Stations 11	Rev. Fr. Isidore, A.P. M.	1872								
Cottar—Sub-Stations 23	Rev. Fr. Joseph, D. C. M. A.P.	1868								
Vallavaley—Sub-Stations 4	Rev. Fr. Saverius, (Latin)									
Encayam—Sub-Stations 5	Rev. Fr. Joseph Fernandez, (Latin)									
Colachel—Sub-Stations 6	Rev. Fr. Victor, D. C. A.P. M.	1859								
Pollatoyce—Sub-Stations 2	Rev. Fr. Antoninus, D. C. A.P. M.	1870								
Pochandorray—Sub-Stations 3	Rev. Fr. Joseph Fernandez, (Latin)									
Cape Comorin—Sub-Stations 3	Rev. Fr. Dominicus, (Latin)									

VICARIATE GENERAL OF COCHIN.
The Very Revd. C. C. NAZARETH, Vicar General—residence—Gulion.

Mission Stations.	Churches.	Missionaries.	Commence- ment of service.	Christians.	Seminary and College.	Schools.	Boys.	Girls.
I. In Travancore.								
Alleppey	1	Rev. A. E. M. S. A. Sirdinha ...	1879	568	1		26	
Anavela	2	Nicola Benjamin Cruz ...	1885	930				
Canjeroot	3	Pedro Rosario ...	1880	1772		1	22	3
Caringoleam	7	Eduardo Sousa ...	1881	2728			29	14
Catur	3	Antonio Filipe Antunes ...	1874	4051		5	59	21
		Jose Amaro Freire (Asst.) ...	1881					
		Giulio Silva ...	1868	294		1	26	2
Erurine	1	J. S. P. Costa ...	1876	1391		3	60	20
Nindagan	4	P. Assis B. de Sa ...	1879	1440		1	60	9
Pettah (Trevandrum) ...	4	Gaspar Baylan M. Torres ...	1879	1948		3	70	12
Pontare	2	P. Xavier Vercos ...	1867	1518		1	52	27
Puntoor	1	J. P. L. Fomero ...	1874	1391		2	42	19
Quiloe	1	Jose Rosario Furtado ...	1879	1383		4	25	18
Tumpaly	5	Salvador Silva ...	1880	2531		1	41	10
Tutur	4	S. N. das Doses e Costa ...	1883	1691		1	16	4
Vadachery	3	J. Aleluia B. V. Sousa ...	1879	2118		3	66	25
Vaddy	5	A. C. Siquiera (Assistant) ...	1883					
Vallatharay	3	D. A. J. Souza ...	1880	1458		1	61	24
Vattalanguel	1	Antonio Fernandes ...	1881	1607				
Viley	4	P. A. d'Assis Alvares ...	1883	1145		1	28	7
II. In Cochin.								
Amarabady	2	Jeremimo Mical Clemente ...	1877	1839		2	35	15
		George Barnes (Assistant) ...	1881					
III. In Comandant Coast.								
Aur	18	C. S. Domitiano Miranda ...	1885	2962		10	262	2
Curnim	12	D. E. D. Cruz ...	1879	3801		5	49	4
Diedigal	26	M. J. P. Viegas ...	1881	2307		2	82	9
Gurdalle	7	B. P. E. Furtado ...	1879	2343		4	130	8
Madura	18	J. C. Frampis ...	1879	3140		2	61	3
Malayadipaty	13	D. M. Bous ...	1868	2568		3	39	32
Manayur	2	J. E. J. M. Carvalho ...	1878	1484		3	49	36
Muttupettah	6	L. K. Pires ...	1882	1274		2	58	16
Orur	19	Casimiro Souza ...	1879	3143		7	60	3
Punicall	8	M. O. Coelho ...	1865	1648		1	54	12
Trichasegoli	2	B. A. Pinto ...	1892	5841		3	170	17
Tuticorin	9	A. G. Castellino ...	1874	2163	1		145	23
Vaypar	3	J. Rendo (Assistant) ...	1878			2	30	22
Venkadacolam	16	Maria Norberto Joseph ...	1880	1767		9	134	2
		Vicente Bernande Neves ...	1877	2177				
Total	228	37		24166	2	28	2018	200

VICARIATE GENERAL OF CRANGANORE.
The Very Rev. C. G. NAZARETH, Acting Vicar General—residence—Quilon.

MISSION STATIONS.	MISSIONARIES.	NO. OF CHRISTIANS.	SEMINARY AND COLLEGE.	NO. OF SCHOOLS.	BOYS AND GIRLS.
I. SOUTHERN DIVISION.					
Canengaray	Rev. Vnttacoalath Aulseba	212	...	1	54
Coomaragom	" Cunnechery Jacob	59	...	...	...
Cadatoority	" Acamparumbil Mathaya	1,556	1	3	72
	" Palloccoconel Aulseba (Asst.)	...	...	...	...
Ejanbil	" Killacail Mathunny	1,998	...	3	91
	" Manapally Abraham (Asst.)	...	...	...	...
Chunganacherry	" Cadavil Aulseba	200	...	...	...
Corolongatto	" Vadakepanthahur Mathaya	208	...	...	...
	" Pottanetto Panlos	...	...	...	...
II. NORTHERN DIVISION.					
Cheur Trichoor &c.	" Maplacherry Simeon	971	...	1	21
Palenr	" Callurcaren Thalacothur Curiacons	516	...	2	56
Parety	" Manoely Jacob	611	...	1	19
Cherulayam & Cottapady.	" Xungatil Guivarguis	57	...	...	...
Valleanad	" Killacail Thoma	506	...	...	...
Puthenchirre	" Do.	300	...	...	...
Enamakel & Maradyat	" Jose Alpanasio Cuthir	122	...	...	...
Alway	" Attalare Aulseba	...	1	...	12
Mattam	" Vayapally Johanan	37	...	...	...
Chittatur	" Pallycotil Jacob (Verapully Vicar)	1,100	...	1	32
Total.....	17	8,483	2	12	357

BRITISH INDIAN STEAM NAVIGATION COMPANY (LIMITED.)

Rates of passage from Colachel.

Ports.	Distance in miles.	Freight per Ton.	Passage.	
			Cabin.	Deck.
Alleppey ...	98	to Agent.	15	3
Cochin ...	132		30	5
Narakkal ...	142		38	8
Boypore ...	222		49	10
Calicut ...	233		60	12
Tellicherry ...	272		68	14
Cannanore ...	285		75	13
Mangalore ...	362		79	16
Carwar ...	494		83	17
Goa ...	542		90	18
Vingorla ...	570	Rates on Application.		
Rutmagherry ...	646			
Bombay ...	769			
Tuticorin ...	106		19	4
Colombo ...	255		34	7
Galle ...	324		45	9
Negapatam ...	764		68	14
Cuddalore ...	822		75	15
Pondicherry ...	839		83	17
Madras ...	918		113	23
Yeperpollum ...	1112		120	24
Masulipatam ...	1193		128	26
Coconada ...	1292		135	27
Vizagapatam ...	1366		143	29
Bimalpatam ...	1383		150	30
Calingapatam ...	1429		534	
Gopalpore ...	1495		317	
Gangam ...	1510			
Poorree ...	1561			
False point ...	1621			
Calcutta ...	1837			
London ... 1st Class...				
Do. ... 2nd Do...				

The Company's Steamers call fortnightly during the season, about every alternate Friday. In the South West Monsoon the Steamers call off the Port to give opportunity of landing and embarking passengers and cargo, should the surf admit of boats putting off. Passengers and cargo booked through to London and intermediate ports.

Full particulars on application to,

ROBT. C. WOTHERSPOON,

Acting Agent.

COLACHEL.

SCOTTISH INDIAN COFFEE COMPANY (LIMITED.)

Head Office.....Inverness

DIRECTORS.

Colonel Inglis.....Andrew Dougall.
 Patrio Grant Charles Waterston.
 T. R. Biscoe W. T. Rule.

BUSINESS.

Estate Agency : Banking : Mercantile.

Estate and other Machinery.....Cair Manufactory.
 Estate Inspecting Agent George MacLennan.
 Financial Agent T. Henderson (*In Europe*)
 Acting Do. R. C. Wotherspoon.
 London Agents.....P. Grant and Co.

BRANCH OFFICE AT QUILON.

Agent... ..D. G. Cameron
 Engineer J. S. Lumsden.

QUILON STANDARD LIFE ASSURANCE COMPANY.

D. G. Cameron Agent.

NEWSPAPERS IN TRAVANCORE.

Trevandrum—"Travancore Government Gazette"
 in English and Malayalam published every Tuesday.

Nagercoil—"The Travancore Times," an Anglo-Tamil paper, Publish-
 ed Tri-monthly. Proprietor and Editor—P. C. Joseph.

Verapoly—"The Trumpet" of the Voice of Truth" in Malayalam
 published Bi-monthly.

Cottayam—"The Malayala Mitram," in Malayalam published monthly.
 Issued from C. M. S. Press.

PRINTING ESTABLISHMENTS IN TRAVANCORE.

Situation.	Talook.	Proverty.	Names of Presses	Directors of the Presses.	Nature of Works done.	Remarks.
Puttum	Trevandrum	Puttum	Keralodayam	Achoocooty	Vidyavilasini and other useful books.	It is to be observed that all these Presses are not the property of the Mission, but under the authority of the Vicar Apostolic, and no books can be published without previous permission of the Vicar Apostolic.
Sreecunthaswaram	Do.	Vunjiyoor	Karalavilasan	P. Krishna Pillay	Keralachundrika & some useful Ta. & Mal. books.	
Verapoly	Paravoor	Verapoly	Archiepiscopal Press of the Immaculate Conception	Rev. Fr. Boneventura of St. Francis D. C. M. A.	Devotional & historical works, Gazette, viz., "The trumpet of the Voice of Truth" and Circular letters of the Archbishop	
Velianado	Changanacherry	Velianado	St. Joseph's	Puthenpurakel Coorien Kuruvilla	Religious books	
Alleppey	Ambalapalay	Alleppey	Carmel	Samuel Appoo	Reli. and Classical books	Applications for estimates for Binding or Printing or purchase of materials to be addressed to Mr. G. Frants Superintendent, C. M. Press, Cottayam.
Mananiam	Yetumanoor	Mananiam	St. Joseph's	Rev. Fr. Cyriacus Elisha Superior of the Convent	Devotional books and Circular letters	
Cottayam	Cottayam	Cottayam	Church Mission Press	C. M. S. Press Committee	Printing in Malayalam and English, book and Job work, Forms of all kinds, Binding &c.	
Nagercoil	Angusteewarom	Kottar	London Mission Press	Rev. W. Lee	Books in Tamil, Mal. & English. Printing and Binding of all kinds	
Dewasagaya street Nagercoil	Do.	Do.	Victoria Press	P. C. Joseph	Newspaper, Book and Job Printing	Application for Printing, Binding &c., to be addressed to Mr. F. C. Joseph, Nagercoil.

GOVERNMENT OF PORT ST. GEORGE.

His Excellency The Right Honorable M. E. Grant Duff,
Governor, &c. &c. &c.

MEMBERS OF COUNCIL.

His Excellency Lt. General Sir Frederick Sleight Roberts, G. C. B.,
C. I. B., V. C. Bart, Appointed Commander-in-Chief and Second in
Council, 18th June, 1881. Took his seat 24th November 1881.
The Honorable D. F. Carmichael, C. S., Third in Council, took his
seat 10th December 1878.
The Honorable H. E. Sullivan, C. S., Fourth in Council, took his seat
12th June 1882.

COUNCIL FOR MAKING LAWS AND REGULATIONS.

PRESIDENT.

His Excellency the Right Honorable M. E. Grant Duff.

OFFICIAL MEMBERS.

His Excellency Lt. General Sir Frederick Sleight Roberts,
G. C. B., C. I. B., V. C.
Honorable D. F. Carmichael, C. S.

" H. E. Sullivan.
" Patrick O'Sullivan, Advocate General.
" C. G. Master, Chief Secy. to Government (*on leave*).
" E. F. Webster Ag. Do.
" R. Davidson, C. S. I., 1st Member of the Bd. of Rev.
" Col. I. H. M. Shaw Stewart, R. E.

NON-OFFICIAL MEMBERS.

Honorable Goday Narayan Gajapati Rao.
" Mir Humayun Jah Bahadur.
" A. Sushia Sastri.
" Alexander MacKenzie.
" Tumalapalli Rama Rao, B.A., B. L.

SECRETARIAT.

PUBLIC & C. DEPARTMENT.

Hon'ble C. G. Master	...	...Chief Secretary. (<i>on leave</i>)
E. F. Webster, Esquire	...	... Ag. Do.
C. D. Maclean Esquire, M. A.	...	...Under Secretary (<i>on deputation</i> <i>Board of Revenue.</i>)
G. S. Forbes, Esquire	...	... Do. (<i>on deputation Govt. of</i> <i>India.</i>)
J. D. Rees, Esquire	...	... Ag. Do.

JUDICIAL AND LEGISLATIVE DEPARTMENT.

M. Hammick, Esquire ... Ag. Assistant Secretary.

REVENUE DEPARTMENT.

E. F. Webster, Esquire ... Secretary.
H. E. Stokes, Esquire B. A. ... Ag. Do.

MILITARY DEPARTMENT.

Col. Edward Lewis Hankin, S. C. ... Secretary.

PUBLIC WORKS DEPARTMENT.

Col. I. H. M. Shaw Stewart, R. E.	... Secretary.
Major O. Bower, R. E.	... Under Secretary.
Colonel John Mullins, R. E.	... Joint Secy. Irrigation Branch. (on
Colonel I. O. Hasted, R. E.	... Ag. Do. Do. [Furlough.]
A. S. Russell, Esquire	... Under Secretary Irrigation.
...	... Joint Secy. Railway Branch.
Captain Ambrose Awdry, R. N.	... Private Secretary to the Right
	... Hon'ble the Governor.
Lt. Col. A. R. Kenney Hubert	... Military Do. Do.

HIGH COURT OF JUDICATURE.

Honorable Sir Charles Arthur Turner, C. L. E.	... Kt. Chief Justice.
" J. R. Kindersley, Barrister-at-Law, C. S.	... Judge.
" James Kernan, M. A. & Q. C.	... Do.
" T. Muthuswami Aiyar, B. L., C. L. E.	... Do.
" P. P. Hutchins	... Do. Ag.

DISTRICT AND SESSION JUDGES.

C. G. Plumer, Esquire	... North Arcot (on dep.)
C. A. Bird, Esquire	... Do. Acting.
J. Mope, Esquire	... South Arcot.
J. D. Goldingham, Esquire	... Bellary.
W. Best, Esquire	... South Canara.
J. H. Nelson, Esquire	... Chingleput.
H. Wigram, Esquire	... Coimbatore. (on priv. leave.)
T. Weir, Esquire	... Do. Acting.
F. Brandt, Esquire	... Addl. Ses. Judge, Coimbatore.
J. D. B. Grebbie, Esquire	... Cuddapah.
J. R. Daniel, Esquire	... Ganjam.
J. Kelsall, Esquire	... Godavari.
S. T. McCarthy, Esquire	... Kistna. (on Furlough.)
O. L. B. Cumming, Esquire	... Ag. Judge of Kistna.
G. D. Irvine, Esquire	... Kurnool.
P. P. Hutchins, Esquire	... Madura. (on dep.)
E. Turner, Esquire	... Ag.
J. W. Reid, Esquire	... North Malabar (on Furlough.)
T. Von D. Hardinge, Esquire	... Do. Acting.
F. H. Wilkinson, Esquire	... South Malabar.
W. A. Happell, Esquire	... Nellore (on dep.)
L. A. Cambell, Esquire	... Do. Acting.
H. Wigram, Esquire	... Nilgiris (on priv. leave.)
T. Weir, Esquire	... Do. Acting.
F. Brandt, Esquire	... Do. (Addl. Sessions Judge.)
G. McWatters, Esquire	... Salem (on Furlough.)
E. N. Overbury, Esquire	... Do. Acting.
W. F. Graham, Esquire	... North Tanjore.
G. A. Parker, Esquire	... South Tanjore (on Furlough.)
C. W. W. Martin Esquire	... Acting.
J. C. Hughesdon, Esquire	... Tinnevely.
I. F. Smith, Esquire	... Trichinopoly.
A. L. Lister, Esquire	... Vizagapatam.

BOARD OF REVENUE.

Hon'ble R. Davidson ...	...1st Member (<i>on pri. leave.</i>)
H. S. Thomas Esq. ...	...Acting.
H. S. Thomas, Esq. F.L.S., F.R.S. ...	...2nd Member.
J. H. Garstin, Esq. ...	...Acting 2nd Member.
J. H. Garstin, Esq. ...	...3rd Member.
W. S. Whiteside, Esq. ...	...Acting 3rd Member (<i>on dep.</i>)
W. Wilson, Esq. M. A. ...	...Additional Member.
C. A. Galton, Esq. M. A. ...	...Secretary (<i>on dep.</i>)
E. Gibson, Esq. ...	...Acting Secretary.
J. Storrock, Esq. ...	...Sub-Secretary (<i>on other duty.</i>)
J. A. Davis, Esq. ...	...Acting Sub-Secretary.
T. Raja Rethna Mudaliar	...Sherestadar (<i>on probation.</i>)

COLLECTORS AND MAGISTRATES.

W. D. Horsley, Esq. ...	...Cuddaph (<i>on Furlough.</i>)
C. Kough, Esq. ...	...Acting.
W. S. Whiteside, Esq. ...	...Tanjore (<i>on other duty.</i>)
J. B. Pennington, Esq. ...	...Acting.
F. Brandt, Esq. ...	...Nilgiris.
R. W. Barlow, Esq. ...	...Madras (<i>on Furlough.</i>)
T. R. Burrows, Esq. ...	...Acting.
G. D. Leman, Esq. ...	...Coimbatore.
J. Grosse, Esq. ...	...Nellore (<i>on Furlough.</i>)
J. Lee-Warner, Esq. ...	...Acting.
W. Wilson, Esq. ...	...Visagapatam (<i>on other duty.</i>)
H. G. Turner Esq. ...	...Acting.
W. S. Foster, Esq. ...	...Godavari (<i>on Furlough.</i>)
W. A. Happel, Esq. ...	...Acting.
J. B. Pennington, Esq. ...	...Tinnevely (<i>on other duty.</i>)
A. J. B. Alkinson, Esq. ...	...Acting.
H. J. Stokes, Esq. ...	...Madara (<i>on Furlough.</i>)
C. S. Crole Esq. ...	...Acting.
W. Logan, Esq. ...	...Malabar (<i>on other duty.</i>)
C. A. Gattou Esq. ...	...Acting.
J. F. Price, Esq. ...	...Chinglepat.
C. S. Crole, Esq. ...	...Kistna.
W. F. Austin, Esq. ...	...Acting.
H. Sewell, Esq. ...	...Trichinopoly.
A. Cruickshank, Esq. ...	...South Arcot.
H. P. Gordon, Esq. ...	...Bellary (<i>on Furlough.</i>)
H. St. A. Goodrich, Esq. ...	...Acting.
A. J. Stuart, Esq. ...	...North Arcot.
H. E. Stokes, Esq. ...	...Salem (<i>on other duty.</i>)
C. D. Maclean, Esq. ...	...Acting (<i>on priu. leave.</i>)
L. Moore, Esq. ...	...Acting.
W. H. Glenny, Esq. ...	...Kurnool.
J. G. Horspall, Esq. ...	...Gaujam.
N. A. Roupell, Esq. ...	...Anantapur (<i>on Furlough.</i>)
C. W. W. Martin, Esq. ...	...South Canara (<i>on other duty.</i>)
J. Sturrock, Esq. ...	...Acting.

Royal Family of Cochin.

HIS HIGHNESS

RAMA WURMAH.

KNIGHT COMMANDER OF THE MOST EXALTED
ORDER OF THE STAR OF INDIA.

MAHA RAJAH OF COCHIN.

Born 11th May 1835.

Ascended the Musnud 28th March 1864.

BROTHER OF THE RAJAH.

His HIGHNESS

VEERACARALA WURMAH.

Eldest Rajah of Cochin.

Born 30th August 1846.

COUSINS & NEPHEWS OF THE RAJAH.

His Highness **VEERACARALA WURMAH,**

First Prince of Cochin.

Second Son of His Highness' Eldest Aunt

Her Highness the late Coonjee Amah Tambooran.

Born 13th February 1850.

His Highness **RAMA WURMAH,**

Second Prince of Cochin.

Eldest Son of His Highness' Second Aunt

Her Highness Coonjee Amah Tambooran.

Born 6th January 1852.

His Highness **VEERACARALA WURMAH,**

Third Prince of Cochin.

Second Son of His Highness' Second Aunt

Her Highness Coonjee Amah Tambooran.

Born 9th September 1854.

Fourth Prince of Cochin.

Eldest Son of His Highness' Second Sister

Her Highness Kavoo Amah Tambooran.

Born 6th October 1858.

Fifth Prince of Cochín.

Eldest Son of His Highness' Third Aunt
Her Highness Mungoo Amah Tambooran.
Born 30th December 1861.

Sixth Prince of Cochín.

Second Son of His Highness' Third Aunt
Her Highness Mungoo Amah Tambooran.
Born 5th December 1863.

Seventh Prince of Cochín.

Second Son of His Highness' Second Sister
Her Highness Kavoo Amah Tambooran.
Born 13th December 1863.

Eighth Prince of Cochín.

Eldest Son of His Highness' Cousin
Her Highness Ikavoo Amah Tambooran.
Born 12th September 1865.

Ninth Prince of Cochín.

Fourth Son of His Highness' Eldest Aunt
Her Highness the late Coonjee Amah Tambooran.
Born 18th November 1865.

Tenth Prince of Cochín.

Third Son of His Highness' Second Sister
Her Highness Kavoo Amah Tambooran.
Born 29th November 1865.

Eleventh Prince of Cochín.

Third Son of His Highness' Second Aunt
Her Highness Coonjee Amah Tambooran.
Born 27th February 1866.

Twelfth Prince of Cochín.

Eldest Son of His Highness' Cousin
Her Highness Ikoo Amah Tambooran.
Born 20th June 1868.

Thirteenth Prince of Cochín.

Fourth Son of His Highness' Second Aunt
Her Highness Coonjee Amah Tambooran.
Born 31st October 1869.

Fourteenth Prince of Cochín.

Second Son of His Highness' Cousin
Her Highness Ikavoo Amah Tambooran.
Born 29th April 1870.

Fifteenth Prince of Cochín.

Second Son of His Highness' Cousin
Her Highness Ikoo Amah Tambooran.
Born 13th July 1870.

Sixteenth Prince of Cochín.

Eldest Son of His Highness' Cousin
Her Highness the late Cheria Ikavoo Amah Tambooran.
Born 26th January 1871.

Seventeenth Prince of Cochín.

Second Son of His Highness' Cousin
Her Highness the late Cheria Ikavoo Amah Tambooran.
Born 25th January 1873.

Eighteenth Prince of Cochín.

First Son of His Highness' Eldest Sister
Her Highness Coonjee Pilla Amah Tambooran.
Born 2nd December 1873.

Nineteenth Prince of Cochín.

Third Son of His Highness' Cousin
Her Highness the late Cheria Ikavoo Amah Tambooran.
Born 22nd March 1874.

Twentieth Prince of Cochín.

Fourth Son of Her Highness the late
Cheria Ikavoo Amah Tambooran.
Born 8th November 1875.

Twenty-first Prince of Cochín.

Eldest Son of Her Highness Mungoo Amah Tambooran
(Eldest Daughter of Her Highness
Coonjee Pilla Amah Tambooran.)
Born 15th August 1876.

Twenty-second Prince of Cochín.

Fourth Son of Her Highness Kavoo Amah Tambooran.
Born 13th November 1876.

Twenty-third Prince of Cochín.

Third Son of Her Highness Ikoo Amah Tambooran.
Born 11th March 1877.

Twenty-fourth Prince of Cochín.

Second Son of Her Highness
Koonjee Pilla Amah Tambooran.
Born 6th February 1878.

Twenty-fifth Prince of Cochín.

Second Son of Her Highness Mangoo Amah Tambooran
(Eldest Daughter of Her Highness
Coonjee Pilla Amah Tambooran.)
Born 26th May 1878.

Twenty-sixth Prince of Cochín.

Eldest Son of Her Highness Coonjee Pilla Amah Tambooran
(Daughter of Her Highness Ikavoo Amah Tambooran.)
Born 25th September 1881.

Twenty-seventh Prince of Cochín.

Third Son of Her Highness Coonjee Pilla Amah Tambooran.
Born 7th November 1881.

Twenty-eighth Prince of Cochín.

Third Son of Her Highness Ikavoo Amah Tambooran.
Born 12th December 1891.

Twenty-ninth Prince of Cochin.

Third Son of Her Highness Mungoo Amah Tambooran
(Eldes Daughter of Coonjee Pilla Amah Tambooran.)
Born 25th December 1831.

Thirtieth Prince of Cochin.

Eldes Son of Her Highness Mungoo Amah Tambooran
(Third Daughter of Coonjee Amah Tambooran.)
Born 25th January 1833.

Thirty-first Prince of Cochin.

Fourth Son of Her Highness
Coonjee Pilla Amah Tambooran.
Born 8th August 1833.

MOTHER OF THE RAJAH.

Her Highness
The Wallia or Senior Amah Tambooran.
Born 3rd May 1814.

AUNTS OF THE RAJAH.

Her Highness Coonjee Amah Tambooran.
Born 7th December 1832.

Her Highness Mungoo Amah Tambooran.
Born 30th September 1839.

SISTERS OF THE RAJAH.

First Sister
Her Highness Coonjee Pilla Amah Tambooran.
Born 3rd July 1840.

Second Sister
Her Highness Kavoo Amah Tambooran.
Born 2nd October 1842.

FEMALE COUSINS OF THE RAJAH.

Her Highness Ikavoo Amah Tambooran.
Eldes Daughter of His Highness' Eldes Aunt
Her Highness the late Coonjee Amah Tambooran
Born 29th June 1841.

Her Highness Ikoo Amah Tambooran.
Second Daughter of His Highness' Eldes Aunt
Her Highness the late Coonjee Amah Tambooran.
Born 22nd April 1843.

Third Daughter of His Highness' Eldes Aunt
Her Highness the late Coonjee Amah Tambooran.
Born 16th April 1853.

Fourth Daughter of His Highness' Eldes Aunt
Her Highness the late Coonjee Amah Tambooran.
Born 8th April 1862.

Second Daughter of His Highness' Second Aunt
Her Highness Coonjee Amah Tambooran.
Born 1st October 1859.

Third Daughter of His Highness' Second Aunt
Her Highness Coonjee Amah Tambooran.
Born 28th June 1862.

Fourth Daughter of His Highness' Second Aunt.
Her Highness Coonjee Amah Tambooran.
Born 19th Kumbhum 1050.

Eldest Daughter of His Highness' Third Aunt
Her Highness Mungoo Amah Tambooran.
Born 10th June 1856.

Second Daughter of His Highness' Third Aunt
Her Highness Mungoo Amah Tambooran.
Born 3rd February 1866.

Third Daughter of His Highness' Third Aunt
Her Highness Mungoo Amah Tambooran.
Born 23rd June 1872.

Fourth Daughter of His Highness' Third Aunt
Her Highness Mungoo Amah Tambooran.
Born 21st May 1875.

Fifth Daughter of His Highness' Third Aunt
Her Highness Mungoo Amah Tambooran.
Born 17th September 1877.

Sixth Daughter of His Highness' Third Aunt
Her Highness Mungoo Amah Tambooran.
Born 8th May 1880.

NIECES OF THE RAJAH.

Eldest Daughter of His Highness' Eldest Sister
Her Highness Coonjee Pillah Amah Tambooran.
Born 16th April 1859.

Second Daughter of His Highness' Eldest Sister
Her Highness Coonjee Pillah Amah Tambooran.
Born 27th April 1863.

Third Daughter of His Highness' First Sister
Her Highness Coonjee Pillah Amah Tambooran.
Born 24th September 1867.

Eldest Daughter of His Highness' Cousin
Her Highness Ikavoo Amah Tambooran.
Born 12th October 1861.

Second Daughter of His Highness' Cousin
Her Highness Ikavoo Amah Tambooran.
Born 26th November 1867.

Third Daughter of his highness' Cousin
her highness Ikavoo Amah Tambooran.
Born 18th August 1875.

First Daughter of her highness
Kava Amah Tambooran.
Born 26th February 1859.

Second Daughter of her highness
Kava Amah Tambooran.
Born 25th November 1873.

Third Daughter of her highness
Kava Amah Tambooran.
Born 4th June 1878.

Fourth Daughter of her highness
Kava Amah Tambooran.
Born 22nd April 1880.

Fifth Daughter of her highness
Kava Amah Tambooran.
Born 28th July 1882.

First Daughter of her highness
Ikoo Amah Tambooran.
Born 14th February 1869.

First Daughter of her highness
Coonjee Kava Amah Tambooran
(Eldest Daughter of her highness
Mungoo Amah Tambooran.)
Born 23rd June 1876.

Second Daughter of her highness
Coonjee Kava Amah Tambooran
(Eldest Daughter of her highness
Mungoo Amah Tambooran.)
Born 20th February 1878.

Third Daughter of her highness
Coonjee Kava Amah Tambooran
(Eldest Daughter of her highness
Mungoo Amah Tambooran.)
Born 2nd December 1879.

Fourth Daughter of her highness
Coonjee Kava Amah Tambooran
(Eldest Daughter of her highness
Mungoo Amah Tambooran.)
Born 26th May 1883.

First Daughter of her highness
Mungoo Amah Tambooran
(Eldest Daughter of her highness
Coonjee Pilla Amah Tambooran.
Born 23rd December 1879.

First Daughter of her highness
 Coonjee Kava Amah Tambooran
 (Third Daughter of her highness
 Coonjee Amah Tambooran.)
 Born 12th March 1878.

First Daughter of her highness
 Coonjes Pilla Amah Tambooran
 (First Daughter of Ikavoo Amah Tambooran.)
 Born 22nd July 1869.

First Daughter of her highness the late
 Cheria Ikavoo Amah Tambooran
 (Daughter of Coonjee Amah Tambooran.)
 Born 27th June 1869.

First Daughter of her highness
 Mungoo Amah Tambooran
 (Third Daughter of her highness
 Coonjee Amah Tambooran.)
 Born 29th July 1870.

First Daughter of her highness
 Cheria Ikavoo Amah Tambooran
 (Fourth Daughter of the late Coonjee Amah Tambooran.)
 Born 12th February 1882.



GOVERNMENT OF COCHIN.

HUZUR CUTCERRY.

T GOVINDA MENONE,

Dewan of Cochin.

A. Sankariab, B.A.	...	...	...Dewan Peishcar.
Madaven Ellayada	...	...	...Deputy Peishcar.
Francis Rice	...	...	...Secretary to the Dewan.
Rengappachariar	...	...	...Dalwaye.
A. Shungoony Mamudi Nair	...	...	...Huzur Sheristadar.
Uppathora Iyen	...	...	...Police Sheristadar.
P. A. Stevenage	...	...	...Head Clerk.
Krishna Menone	...	...	...Wallia Sumprethy.
Uluthra Warriar	...	...	...Head Rayasom.
Chakrapani Marar	...	...	...Commercial Accountant.
Ambatta Shupoo Cootty Menon	...	...	...Treasurer.

(Subordinate to the Huzur are 7 Districts.)

... English Tutor to the Princes.

TAHSILDARS' CUTCERRIES.

K. Narayana Menon, B.A.	...	...	...Cannianore.
Venkataswara Iyen	...	...	...Cochin.
P. Shungoony Menon	...	...	...Mukundapuram.
K. Kunhikrishna Marar	...	...	...Trichoor.
Venkita Krishna Iyen	...	...	...Thalapilly.
P. Gopala Menon, B.A. (Acting)	...	...	...Chittoor.
K. Atchuthe Menon	...	...	...Cranganoor.
V. L. Narasimha Iyer (Police Ameen)	...	...	(Ag.) Nemary.

POLICE.

G. H. Gunther	...	...	...Superintendent of Police.
Holm Chund Lal	...	...	...Head Qr. Inspector.

HIGH SCHOOL, ERNACULUM.

A. F. Sealy, M.A.	...	...	...Director of Education & Hd. Master.
H. Kendall	...	...	...Second Master.
Sobramania Iyen, B.A.	...	...	...Asst. do.
and Fourteen Assistant Masters.			

DISTRICT SCHOOLS.

S. Sivarama Pillay	...	...	...Master, Trichoor.
Tharain	...	...	...Do. Cunnencollum.
K. Srinivasa Row	...	...	...Do. Chittoor.
M. S. Krishna Iyer,	...	...Acting	Do. Irinjilacodah.
Nilacanda Putter	...	...	Do. Mnttoncherry.

HAZUR REGISTRATION OFFICE.

T. C. Cochunny Menon	...	...(Ag.) Hazur Registrar.
George Abraham	...	...Deputy do.

DISTRICT REGISTRARS.

G. Vencata Row	...	...Canianore.
P. Kittunfy Menone	...	...Cochin.
Chandera Shekara Iyen	...	...Moogoondapooram.
M. Muthu Pillay	...	...(Ag.) Trichoor.
Paramasura Iyen	...	...Tallapilly.
T. Cochunny Menon	...	...(Ag.) Chittoor.

COURTS OF LAW.

APPEAL COURT OF LAW (At ERNACOLLUM.)

V. Subramanya Pillai, B. L.	...	...First Judge.
S. Locke, Barrister-at-Law	...	...Second Judge.
C. Subbaraya Aiyar, B. A. & B. L.	...	...Third Judge.
Johu Augustus	...	...(Ag.) Registrar.

ZILLAH COURT OF ANJEKAMIAL (At ERNACOLLUM.)

T. C. Poonen, B.A., Barrister-at-law	...	...Judge.
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ZILLAH COURT OF TRICHOOR (At TRICHOOR.)

Turoovengadachariar, B.A. & B.L.	...	...Judge.
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MUNSIFFS.

R. K. Vencata Row	...	...Ernacollum.
B. Fenn	...	...Chittoor.
A. Achutha Menone	...	...Wadakancherry.
Mahadeva Iyen	...	...Eranjalicodah.
T. Rama Pishrody	...	...Trichoor.

COURT OF APPEAL FROM THE DECISIONS OF THE SPECIAL MAGISTRATE.

S. Locke, Barrister-at-Law	...	...Special Appellate Judge.
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SPECIAL MAGISTRATE FOR THE TRIAL OF OFFENCES COMMITTED BY EUROPEAN BRITISH SUBJECTS.

H. W. Hudson.

CIVIL OFFICERS AT OUT-STATIONS.

H. W. Hudson	...	...Controller of Forests.
J. C. Kohlhoff	...	...Conservator Do.
J. Kohlhoff	...	...Supt. of Cardamom Hills.
John Carlos	...	...Supt. of Customs.
P. R. Bennett	...	...Do. of Teak Plantations.

MEDICAL DEPARTMENT.

Surgeon Major W. H. Morgan.
Medical Officer to the Cochin Government.

MEDICAL SUBORDINATES.

D. Gunther Sub-Assistant Surgeon.
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General Superintendent.

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TRAVELLER'S BUNGALOW.

<i>From</i>	<i>Eng. miles</i>	
Ernacollum	to	{ By back-water from Ernacollum to Caroopadanah.
Caroopadanah	...	
Caroopadanah	to	{ On the high road from Cochin to Paulghant.
Caroovancoor	10½	
Trichoor	10	
Putticaud	8½	
Kakaad	14½	{ Between Chowghant and Tirtallah to Trichoor.
Bolinjampurah	...	
Wadakancherry	...	{ On the high road from Paulghant to Pulachy.
Wallanghy	...	
		{ Do. do. from Trichoor to the Railway Station at Shoranore.
		{ Do. do. from Paulghant to the Nilliampathy Hills.

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Miss E. Everett...	...	...	
90 East Indian Girls and 39 Native Girls attend this School			
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PART III.

Miscellaneous Matter.

ABSTRACT OF LEGISLATIVE ENACTMENTS, TRAVANCORE.

Enacted by His Highness the Maha Rajah of Travancore on the 28th Coombum, 1010, (9th March, 1835.)—REGULATION I.—Extending powers vested in the Moonsiffs, and defining their jurisdiction. [*Partly repealed by Regulation I. of 1057.*]

REGULATION II.—Authorizing Moonsiffs to assemble District Panchayets for the adjudication of Civil Suits within their respective jurisdictions and of Suits referred by the Zillah Courts to the Moonsiffs, and defining the powers and authority to be vested in Panchayets. [*Repealed by Regulation I. of 1057.*]

REGULATION III.—Empowering Moonsiffs to execute all decrees on decisions passed in Adawlut Cases by the Appeal, Zillah, and Moonsiff Courts, and by Panchayets. [*Partly repealed by Regulation I. of 1057.*]

REGULATION IV.—Extending jurisdiction of Zillah Judges. [*Partly repealed by Regulation I. of 1057.*]

REGULATION V.—For the guidance of the Appeal Court.

REGULATION VI.—Giving greater efficiency to the System of Police established in Travancore.

REGULATION VII.—Constituting the Zillah Courts, Criminal Courts of their respective Zillahs, and appointing the Judges of the Appeal Court, Circuit Judges, and defining their respective powers.

Enacted on the 13th Toolam, 1023, (28th October, 1847.)—REGULATION I.—Investing the Sub-Officers of the different Districts in Travancore with authority to exercise the powers of the Police Officers in their absence.

Enacted on the 1st Chingum, 1025, (15th August, 1849.)—REGULATION I.—Reducing the number of Moonsiffs from twenty-five to sixteen, and relieving those Officers of the duty imposed on them by Regulation III of 1010, (*i. e.* of executing decrees passed by the Appeal and Zillah Courts;) and empowering the Zillah Courts to enforce such decrees, and also better regulating the numbering and issuing of stamped cadjans. [*Repealed by Regulation I. of 1057.*]

Enacted on the 1st Menum, 1025, (12th March, 1850.)—REGULATION II.—Providing for admission on the Files of the Law Courts, and for disposal of Suits “*in forma pauperis.*” [*Repealed by Regulation I. of 1057.*]

Enacted on the 6th Coombham, 1032, (16th February, 1856.)—REGULATION I.—Abolishing the Circuit Courts, and establishing Sessions Courts in Travancore.

Enacted on the 2nd Eddavum, 1035 (13th May, 1860.)—REGULATION I.—Establishing Port Dues at Alleppey.

Enacted on the 23rd Toolam, 1036, (6th November, 1860.)—REGULATION I.—Reducing the rate of Port Dues payable at Alleppey. [Partly repealed by Regulation I of 1056.]

Enacted on the 1st Chingum, 1037, (15th August, 1861.)—REGULATION I.—Abolishing the three Sessions and five Zillah Courts, and constituting the Appeal or Sndr Court and four Zillah or District Courts, the Courts of Joint Criminal and Civil Jurisdiction. [Partly repealed by Regulation I. of 1057.]

Enacted on the 1st Chingum, 1037, (15th August, 1861.)—REGULATION II.—Simplifying the Procedure of the Courts of Civil Judicature.

Dated 29th Toolam, 1038, (13th November 1862.)—Rules of Practice passed by the Sudr Court under Sec. 26 of Reg. I of 1037 for the guidance of the Zillah Civil Judges and constituting them Judges of Small Causes.

Enacted on the 27th Eddavum, 1039, (7th June, 1864.)—REGULATION I.—Providing for the protection of the British Electric Telegraph in Travancore.

Enacted on the 31st Curcadagum, 1039, (13th August, 1864.)—REGULATION II.—Securing Copy-right to the Authors of Books in Travancore for a space of 42 years.

Enacted on the 6th Magarum, 1040, (17th January, 1865.)—REGULATION I.—Providing specially against Criminal Breach of contracts on the part of Artificers, Workmen, and Labourers.

Enacted on the 27th Magarum, 1040, (7th February, 1865.)—A Regulation for the appointment of duly qualified Vakceels to plead in the Courts.

Enacted on the 13th Chitray, 1040, (24th April, 1865.)—REGULATION II.—To provide for the adjudication of claims to Waste Lands, with rules for the sale of the same.

Enacted on the 12th Aady, 1040, (26th July, 1865.)—REGULATION III.—To provide for the Limitation of Suits.—[Amended by Regulation II of 1042.]

Enacted on the 19th Awang, 1041, (2nd September, 1865.)—REGULATION I.—Amending Regulation I of 1037. [Partly Repealed by Regulation I. of 1057.]

Enacted on the 27th Chitray, 1041, (8th May, 1866.)—REGULATION II.—To provide for the revision of the Jurisdiction of the Mooniffs in Travancore. [Partly repealed by Regulation I. of 1057.]

Enacted on the 28th Aady, 1041, (14th August, 1866.)—REGULATION III. of 1041.—To provide for the admission of Approvers.

Enacted on the 29th Aady, 1042, (12th August, 1867.)—REGULATION I.—To establish an improved system of Registration of Deeds in Travancore.

Enacted on the 31st Aady, 1042, (14th August, 1867.)—REGULATION II.—To amend Regulation III of 1040 (to provide for the limitation of suits.)

Enacted on the 20th Paratany, 1043, (5th October 1867.)—REGULATION I.—
To provide for the admission of Vakeels in Criminal cases.

*Enacted on the 4th Magarom, 1047, (16th January, 1872.)—REGULATION I. of 1047.—*To make clearer provision for the conduct of business in the Sadr Court of Travancore.

*Enacted on the 3rd Carakadatum 1047 (16th July, 1872.)—REGULATION II. of 1047.—*To redistribute Magisterial powers and provide certain rules of procedure in Courts of Criminal Jurisdiction in Travancore.

*Enacted on the 4th Cunny 1049, (18th September, 1873.)—REGULATION I. of 1049.—*To establish a Zillah Court at Alwaye. [Repealed by Regulation I. of 1057.]

*Enacted on the 29th Toolam 1050. (13th November, 1874.)—REGULATION I. of 1050.—*To provide against certain abuses in Native Passenger Ships.

*Enacted on the 23rd Pangumy 1051, (3rd April 1876.)—REGULATION I. of 1051.—*To provide against unauthorized lotteries.

*Enacted on the 30th Moosum 1052, (10th April, 1877.)—REGULATION I. of 1052.—*To provide punishment for certain offences relating to marriage.

*Enacted on the 1st Madom 1052, (12th April, 1877.) REGULATION II. of 1052.—*To vest in Magistrates and certain Sub-Magistrates co-ordinate Jurisdiction with the Zillah Criminal Courts, to try cases of Criminal breach of contract.

*Enacted on the 15th Mithamom, 1052 (1st July, 1877.)—REGULATION III. of 1052.—*To amend REGULATION I. of 1042, for the Registration of deeds.

*Enacted on the 13th Dhanoo 1053. (26th December 1877.)—REGULATION I of 1053.—*To empower the Sub-Officers of a District to dispose of Police cases during the Tahsildars' tours on duty.

*Enacted on the 23rd Magarom 1053. (3rd February 1878.)—REGULATION II. of 1053.—*To revise the existing scale of Court fees and to impose fees on Vakaluths, Petitions and other documents presented to the Courts.

*Enacted on the 3rd Carakadatum 1054, (17th July 1879.)—REGULATION I. of 1054.—*To lay down clearly the law relating to the collection of the Abkary Revenue.

Dated 30th Carakadatum 1054—RULES for registering Transfers of Property.

*Enacted on the 31st Carakadatum 1054 (14th August 1879.) REGULATION II. of 1054.—*To prevent thefts of Coffee.

*Enacted on the 32nd Carakadatum 1054 (15th August 1879.) REGULATION III. of 1054.—*To remodel the constitution of the Sadr Court. [Repealed by Regulation II of 1057.]

*Enacted on the 2nd Carakadatum 1055 (15th July 1880.)—REGULATION I. of 1055.—*Fixing the limits of time for the presentation of Appeals under Regulation I. of 1054.

*Enacted on the 12th Makarom 1056, (23rd January 1881.)—REGULATION I. of 1056.—*Providing against trespass by Cattle.

Enacted on the 23rd Mithunam 1056 (5th July 1881).—REGULATION II. of 1056.—Introducing the Indian Penal Code and the Whipping Act as the Penal Law for Travancore.

Enacted on the 23rd Mithunam 1056, (5th July 1881).—REGULATION III. of 1056.—Introducing the Indian Criminal Procedure Code as the Code of Procedure for the Courts of Criminal Judicature in Travancore.

Enacted on the 3rd Chakkadagam 1056, (17th July 1881).—REGULATION IV. of 1056.—Providing for the better regulation of the Police in Travancore.—[Amended by Regulation II of 1058.]

Enacted on the 27th Chuvy 1057, (11th October 1881).—REGULATION I. of 1057.—Providing a consolidated and amended Law relating to the Zillah and Munsiffs Courts in Travancore.

Enacted on the 7th Magaram, 1057, (18th January, 1882).—REGULATION II. of 1057.—Reconstituting the Sadr Court and for making Provision for the better administration of justice in Travancore.

Enacted on the 14th Magaram 1057, (25th January, 1882.) REGULATION III. of 1057.—Destruction of useless records.

Enacted on the 24th Maadam 1058, (5th April 1883 (REGULATION I of 1058.—A Regulation to amend Regulation I of 1036 (Reducing Port dues at Alleppey.)

Enacted on the 19th Edavom 1058, (31st May 1883).—REGULATION II of 1058.—A Regulation to amend Regulation IV of 1056. (A Regulation for the better regulation of the Police in Travancore.)

Enacted on the 13th Carcadagam 1058, (27th July 1883).—REGULATION III of 1058.—To provide for the Registration of titles in land, for the establishment and maintenance of Boundary marks and for the settlement of boundary disputes in the territories of Travancore.

PROCLAMATION

By

His Highness Sri Patmanabha Dasa Vanchi Bala Rama Varma Kulasekhara Kiritapati Manney Sultan Maharaja Raja Ramaraja Bahadur Shamsheer Jang, Grand Commander of the Most Exalted Order of the Star of India, F. M. U. Maharaja of Travancore, issued under date the 21st May 1883 corresponding with the 9th Edavom 1058.

WHEREAS by a Proclamation dated the 8th Cumhham 1033 No. 5039, the subjects of this State were prohibited under penalties, from felling Palmyra, Jack and other assessed trees without the permission of Our Government, and whereas it is represented to Us that owing to the operation of this rule, Our subjects find it very inconvenient to obtain timber for building and other uses, and have to submit to much annoyance and petty oppression from the lower officials through whom the necessary inquiries are made, We are hereby pleased to repeal the Proclamation of 1033 above cited, and to declare that no previous permission from Our Government need be sought hereafter for felling and using or for otherwise disposing of any tree which is the private property of the person wishing to so fell or dispose of the same, as We are persuaded that no person will fell a productive or otherwise useful tree, and that even useless trees cut down are replaced by the owner by new trees planted in his own interest.

This Proclamation however does not apply to Teak, Cole teak, Black-wood, Ebony and Sandal-wood which will continue, as heretofore, to be reserved as Royalties.

SIGN MANUAL

PROCLAMATION

By

His Highness Sri Patmanabha Dasa Vanchi Bala Rama Varma Kulasekhara Kiritapati Manney Sultan Maharaja Raja Ramaraja Bahadur Shamsheer Jang, Grand Commander of the Most Exalted Order of the Star of India, F. M. U. Maharaja of Travancore, issued under date the 26th May 1883 corresponding with the 14th Eilarom 1058.

WHEREAS We consider it desirable to introduce a Revenue Survey and Assessment in Travancore as the basis of a sound administration of the land revenue, and whereas We have commanded Our Dewan to carry out this important measure with due regard to the interests of all concerned, We are pleased to notify as follows :—

All proprietors and occupants of land should produce before Our officers appointed for conducting the settlement operations all documents, accounts and muniments of title which may be in their possession to show their right to the properties owned or occupied by them, to admit of their titles and the tenures on which they hold the properties being properly investigated and recorded.

All proprietors and occupants should likewise clear and mark at their own expense, and accurately point out when called upon to do so, the boundaries of their holdings and be present in the field with the settlement officers to afford them every help and information necessary to facilitate their work.

The stones required to mark the boundaries of all private properties shall be supplied and fixed by the proprietors or occupants of those properties—falling which the required boundary stones will be supplied from Government depots and fixed by the Settlement Department, all expenses incident thereto being recovered as arrears of revenue from the defaulting proprietors or occupants.

All Our Revenue officers and servants from the Dewar Peishcars down to the Proverticars will afford Our Survey and Settlement Officers every assistance and facility needed by them in the performance of their duties.

For the successful carrying out of so important a work as an accurate survey and re-assessment of the lands in Our territories on which the well-being and prosperity of Our subjects will depend, We enjoin the most cordial co-operation and harmony of action between Our Survey and Settlement Officers and Our revenue servants of all grades, and the willing assistance and loyal obedience of all proprietors and occupants of land whose interests it is sought to promote by the proposed measure.

SIGN MANUAL.

PROCLAMATION

BY

His Highness Sri Patmanabha Dasa Vanchi Bala Rama Varma Kulasekhara Kiritojati Manney Sultan Maharaja Raja Ramaraja Bahadur Shamsher Jung, Grand Commander of the most Exalted Order of the Star of India, F. M. U. Maharaja of Travancore, issued under date this 1st October 1883 corresponding with the 16th Kanni 1059.

WHEREAS it has been represented to Us that in consequence of the very depressed state of the coffee industry, the coffee planters in Travancore desire that the export duty be raised to five per cent in substitution of the land tax of 12 annas an acre, and whereas We desire to afford every reasonable help to those who have embarked in this industry, We are hereby pleased to notify that Coffee Estates held on the terms of the Memorandum of 8th March 1862 or under the Rules of 24th April 1865, shall, until further notice, be exempted from the payment of the land tax of twelve annas an acre from and after the 1st July 1883 and that in substitution thereof, the present export duty

Note

Present Tariff valuation		per cwt.
Rs.	As.	
Peeled Coffee	20	1/2
Parchment Coffee	16	do.
Cherry Coffee	10	12 do.

of two and a half per cent be raised to five per cent on all coffee exported from the Kingdom on and after the 1st October 1883—subject to all the rules applicable to the levying of the present export duty in respect of conversion from weight to measure and other particulars.

We reserve to Ourselves the right of re-imposing the land tax of twelve annas an acre if the prospects of coffee improve and of reducing the export duty again to two and a half per cent. Also, in the terms of the title deed under which coffee lands are held "if the export duty is eventually given up, the assessment on coffee lands will be raised in due proportion."

SIGN MANUAL.

REGULATION I OF 1058.

WHEREAS it is expedient to amend Regulation I of 1036, We are pleased to enact as follows :—

I. Section III of Regulation I of 1036 is hereby repealed and the following Section is substituted for the same.

"Section III. Provided that no such dues as aforesaid shall be chargeable at the Port on the same vessel oftener than once in 30 days in respect of coasting steamers and oftener than once in 60 days in respect of all other vessels."

Section II. This Regulation shall come into force on the fifth day of April 1883 and shall be read with and taken as part of Regulation I of 1036.

5th April 1883.

SIGN MANUAL.

REGULATION II OF 1058.

A Regulation to amend Regulation IV of 1056 (A Regulation for the better regulation of the Police in Travancore) passed by His Highness the Maha Rajah on the 31st May 1883 corresponding with the 19th Edavom 1058.

• Whereas it is expedient to amend Regulation IV of 1056 (A Regulation for the better regulation of the Police in Travancore); We are pleased to enact as follows :—

Preamble.

- Section 23 of the said Regulation shall be read as if it contained the following words after the word "town" in the said Section :—"Or other place to which this Section shall by Notification in Our Government Gazette be especially extended by Our Dewan."

Amendment of Section 23 of Regulation IV of 1056.

SIGN MANUAL.

REGULATION III OF 1058.

A Regulation to provide for the registration of titles in land, for the establishment and maintenance of Boundary marks and for the settlement of Boundary disputes in the territories of Travancore, passed by His Highness the Maha Rajah of Travancore on the 27th July 1883 corresponding with the 13th Caradavom 1058.

WHEREAS it is expedient, with a view to the better definition and security of landed property, the prevention of encroachments and disputes, and the identification of

Preamble.

lands assessed to or exempted from the public revenue in Travancore, that provision should be made for the registration of titles in land, for the establishment and maintenance of permanent marks to distinguish the boundaries of fields, holdings, estates, villages or other sub-divisions and for the settlement of boundary disputes and claims; It is hereby enacted as follows :—

I. This Regulation may be cited as "The Travancore Boundary Regulation" and it shall come into force on the

Short title.

1882. Commenced 1882.
1st August 1882.

II. It shall be lawful for any revenue settlement officer or for the Revenue settlement officer &c. may require owners or occupants to register and title deeds before survey, to call upon the owners or occupants of lands about to be surveyed and settled or regarding which any boundary disputes exist, and also on all persons claiming to have any right or interest in such lands, (a) to register the rights and titles exercised or claimed by them in such lands and (b) to produce before him for inspection, examination and registry all grants, title deeds, accounts or other documents connected with their claims.

III. It shall be lawful for any such officer aforesaid to demarcate Settlement officer &c. may fix boundaries and require owners &c. to clear boundary line and maintain boundary marks. and fix the boundaries of fields, holdings, estates, villages or other subdivisions, and for that purpose, to require the owners or occupant of such fields, holdings, or estates and the ryots of villages or other subdivisions, (a) to clear the boundary line where overgrown with jungle and also (b) to set up, form or repair and maintain boundary marks, of such materials, and in such number and manner, as may be determined by such officer, under the direction of Our Government, to be sufficient to distinguish the limits of the field, holding, estate, village or other subdivision; or (c) to render such aid and labor as may be necessary to clear the boundary and to set up, form or repair and maintain such marks.

IV. (1) The requisition shall be in writing and shall be served on the owners or occupants of fields, holdings or estates or the ryots of villages or other subdivisions.

(2) In the event of such persons not being found in their usual place of residence the notice shall be posted in a conspicuous spot in the Proverti or Village in which the boundary line is to be cleared or the boundary marks are to be set up, formed, repaired or maintained and such posting shall be held to be sufficient service notwithstanding it may afterwards appear that the owners or occupants or ryots were not correctly named or designated in the said notice.

V. On failure of the owners or occupants of fields, holdings, or estates or the ryots of villages or other subdivisions to comply with such requisition, it shall be lawful for such officer aforesaid, (a) to clear the boundary line, (b) to cause the erection or repair of the necessary boundary marks, and (c) to recover the cost thereof from the owners or occupants of such fields, holdings or estates; or, when the cost is chargeable to the ryots of a village or other sub-division, from such ryots by an equitable apportionment on the land revenue payable by each in the said village or sub-division.

Such cost shall be recovered in the same manner as arrears of land revenue.

VI. The cost of boundary marks for all lands being the property of Our Government, including unregistered tracts and fields, and jungles and hills in Government lands, shall be charged to Our Government.

VII. (1) Any occupant or owner of land or other person whose attendance may be necessary under section II or for any other purpose under this Regulation, but who, on being summoned by such officer, shall refuse or fail to attend; and

any person who having attended in obedience to the summons shall wilfully refuse or neglect to give any information and to produce any document in his possession in respect of the matter under inquiry,

shall be liable, by order of such officer aforesaid, to a fine not exceeding 50 rupees, commutable to imprisonment in default of payment, according to the scale prescribed by section 67 of the Penal Code (Regulation II of 1956)

(2) Such fine shall be levied by warrant under the hand of the officer imposing it in the same manner as a fine imposed by a Criminal Court.

VIII. On the completion of the demarcation of any Proverti or other sub-division of a Taluq, the settlement or other officer aforesaid shall cause a specification of the number, size and description of boundary stones or marks fixed in such Proverti or other Sub-Division to be drawn up in triplicate.

Such specification shall be signed by the settlement or other officer aforesaid or by such person as may be authorized by

And signed by him in that behalf, and also by the Proverticar or officer, &c. other head of the Proverti or other sub-division aforesaid.

One Copy shall be placed on the settlement records, another in the Tahsildar's Kacheri and remaining copy left with settlement records and in the Taluq & village.

Such boundary stones or marks shall thenceforward be held to have been made over to the charge of the Proverticar or other head of the Proverti, or other sub-division, and to that of the owners or occupants of the fields or lands which such stones or marks serve to distinguish, and it shall be the duty of the Dewan Peishcar and his subordinates to see that such stones or marks are duly preserved.

IX. If any such stone or mark is found to have been erased, altered, injured or removed, the Proverticar or other head of the Proverti or other sub-division shall make an immediate report of the fact to the Tahsildar to whom he is subordinate and prosecute the offender before the Magistrate having jurisdiction.

X. Any person convicted before a Magistrate of having wilfully and without lawful excuse, erased, altered, removed or injured any boundary marks whatsoever, whether established under this Regulation or otherwise existing, or any survey or other marks or any marks set up for the purpose of the investigation or adjudication of disputes by an officer of Our Government or any person acting under his orders, shall be liable to a fine not exceeding 50 rupees for each mark so erased, removed or injured.

Such fine shall include the cost of restoring the mark and shall be levied in the manner prescribed in Sec. VII of this Regulation. A portion of the fine not exceeding one-half of the whole may be awarded to the informer.

Provided always that the amount of fine imposed under this clause shall not be in excess of that which the Magistrate is competent to impose under the powers vested in him by the Code of Criminal Procedure (Regulation III of 1956)

XI. Whenever it may not be possible to detect the person who erased, altered, removed, or injured such boundary or survey marks, the settlement or other officer aforesaid may require the owners or occupants of the fields or lands which such marks served to distinguish, to repair or restore such marks, or may himself cause them to be repaired or restored and recover the cost thereof from the owners or occupants aforesaid; or, if there are no such persons forthcoming, then from the owners or occupants of adjacent lands or from the ryots of the Proverti or other sub-division, rateably in proportion to their land assessment.

Such cost shall be levied in manner prescribed in Sec. V of this Regulation.

XII. If any dispute arises in respect of a boundary, and if the parties interested desire that the matter shall be referred to arbitration, they may apply in writing to the settlement or other officer aforesaid, in person or by their respective agents specially authorized in this behalf, stating the particular matter in dispute and the settlement or other officer aforesaid may proceed to dispose of the case in the manner hereinafter provided.

XIII. The arbitrator shall be nominated by the parties in such manner as may be agreed upon between them.

If the parties cannot agree with respect to such nomination, or if the person whom they nominate refuse to accept the arbitration and the parties desire that the nomination shall be made by the settlement or other officer aforesaid, such officer shall nominate the arbitrator.

XIV. The settlement or other officer aforesaid shall, by order, refer to the arbitrator the matter in difference which he is required to determine, and shall fix such time as he thinks reasonable for the delivery of the award and specify such time in the order.

When once the matter is referred to arbitration, the officer shall not deal with it, except as hereinafter provided.

XV. If the reference be to an even number of arbitrators, provision shall be made in the order for a difference of opinion among the arbitrators by the appointment of an additional arbitrator and by declaring that the decision shall be with the majority, if the major part of the arbitrators agree.

XVI. If the arbitrator, or, where there are more arbitrators than one, any of the arbitrators dies or refuses or neglects or becomes incapable to act, or leaves Travancore under circumstances showing that he will probably not return at an early date, the settlement or other officer aforesaid may in his discretion either appoint a new arbitrator in the place of the person so dying or refusing or neglecting, or becoming incapable to act, or leaving Travancore, or make an order superseding the arbitration, and in such case shall proceed to dispose of the matter himself.

XVII. Every arbitrator appointed under Sec. XV or Sec. XVI shall have the like powers as if his name had been inserted in the order of reference.

XVIII. The settlement or other officer aforesaid shall furnish the arbitrators, or so far as may be in his power, procure for them any information which his records or those of any public department may afford connected with the subject of enquiry.

He shall on the application of the arbitrators summon any witnesses whom the arbitrators may call for and whom the parties may not be able to produce before them without such process, and require the person so summoned to bring and produce before them all such books, papers, deeds, writings, maps and plans as they shall require.

Persons so summoned shall be subject to all the provisions of the Civil Procedure Code regarding persons summoned as witnesses before the Civil Courts.

XIX. If, from the want of the necessary evidence or information or from any other cause, the arbitrators cannot complete the award within the period specified in the order, the settlement or other officer aforesaid may, if he thinks fit, either grant a further time, and from time to time enlarge the period for the delivery of the award, or make an order superseding the arbitration, and in such case, may proceed with the case himself.

XX. When an award has been made, the persons who made it shall sign it and submit it to the settlement or other officer aforesaid together with all the proceedings, depositions and other records connected with the case and give notice of their having done so to the parties.

XXI. The settlement or other officer aforesaid may, on the application of either party, modify or correct an award.

(a) where it appears that a part of the award is upon a matter not referred to arbitration, provided such part can be separated from the other part and does not effect the decision on the matter referred, or

(b) where the award is imperfect in form, or contains any obvious error which can be amended without affecting such decision.

When award or matter referred to arbitration may be remitted. XXII. The settlement or other officer aforesaid may remit the award or any matter referred to arbitration to the reconsideration of the same arbitrators upon such terms as he thinks fit,

(a) Where the award has left undetermined any of the matter referred to arbitration, or where it determines any matter not referred to arbitration; or

(b) where the award is so indefinite as to be incapable of execution; or

(c) where an objection to the legality of the award is apparent upon the face of it.

Grounds for setting aside award. XXIII. No award shall be set aside except on the ground of corruption or misconduct of the arbitrators.

Application to be made in 10 days. Any application to set aside an award shall be made within 10 days after the same has been submitted to the settlement or other officer aforesaid.

XXIV. If the settlement or other officer aforesaid sees no cause to remit the award or any of the matters referred to arbitration for reconsideration in manner aforesaid, and if no application has been made to set aside the award or if the officer has refused such application,

the officer aforesaid shall, after the time for making such application has expired, proceed to pass a decision according to the award.

A copy of such decision shall be duly furnished to the parties, and the officer aforesaid shall proceed to mark out the boundary in accordance therewith, subject to the provisions contained in this Regulation.

Boundary to be marked out accordingly. Such decision shall be final.

Decision final. XXV. A certified copy of every decision passed in accordance with the award of arbitrators under this Regulation, by the settlement or other officer aforesaid, shall be forwarded by him to the local Civil Court and be filed in its records.

Procedure when parties do not agree to refer their disputes to arbitration. XXVI. When the parties concerned may not signify their agreement to refer their dispute to the final decision of arbitrators,

or when any of the parties interested or concerned shall after due notice fail to attend for the investigation of the same,

the settlement or other officer aforesaid shall proceed to investigate the claims, and, in the case of any party failing to attend as aforesaid, shall make an *ex parte* investigation, and, after examination of the witnesses and documents, shall record his decision and the grounds therefor, and after duly informing the parties of the same, he shall proceed to mark out the requisite boundaries in accordance with the decision which, subject to the revision of the authority to whom the said officer is immediately subordinate, shall be considered as the determination of all claims and disputes until set aside by a formal decree of a Civil Court.

An appeal shall lie to the civil courts from this decision by regular suit provided it be preferred within 2 calendar months from the passing of the same.

Provided that it shall be lawful for the Dewan, on just and reasonable cause for the same being shown, to extend the time for such appeal to such further period as may seem proper, and an order or endorsement

under the signature of the Dewan shall be sufficient authority for the Civil Court to entertain such appeal after the expiration of the time above specified.

XXVII. The proceedings of officers imposing charges or fines other than Magisterial fines under Sections V, VII and XI of this Regulation, shall be recorded in writing and shall be subject to revision by the authorities to whom such officers shall be immediately subordinate. An appeal shall also lie to the Dewan or to the settlement Dewan Peishcar, as the case may be.

XXVIII. All fines levied under this Regulation shall be carried to the credit of Our Government unless when otherwise provided.

XXIX. It shall be lawful for all officers of survey and settlement and other persons appointed by Our Government for the purpose of investigating, settling or marking boundaries of fields, holdings, estates, villages or other sub-divisions, or for the purpose of measuring, and assessing the same, and for all persons acting in aid and under the orders of such officers,

to enter, examine, or measure, without let or hindrance, all lands whatever, whether such lands be the property of Government or of private companies or individuals;

and such officers aforesaid as well as workmen or other persons acting in aid of and under their orders, are hereby indemnified for what they or any of them shall do under the provisions of this Regulation.

XXX. If any person shall obstruct, molest or in any way interfere with any public servant conducting the registration, demarcation, measurement or assessment of lands or performing other duties provided for in this Regulation, such persons shall be liable on conviction before a Magistrate or other person exercising the powers of a Magistrate to a fine not exceeding 50 rupees, or, in default, to imprisonment not exceeding 2 months for the first offence and for a repeated offence to a fine not exceeding 150 rupees or imprisonment not exceeding 6 months.

Provided however, that the Magistrate or other person aforesaid shall have power to punish under this clause only to the extent of his ordinary powers.

XXXI. It shall be lawful for Our Government to invest any of the subordinates of the ordinary revenue Establishments or of the settlement or survey Establishments with all or any portion of the powers conferred by this Regulation.

Government may invest any subordinate in the Revenue or Settlement or Survey Department with powers under this Regulation.

SIGN MANUAL

ABSTRACT OF POSTAL RATES &c.,

DECEMBER 1882.

INLAND POSTAGE RATES.

PREPAID POSTAGE RATES.												SPECIAL RATES FOR REGISTRATION &c.	
Post-Cards.	Letters.			Ordinary Newspapers and Book and Pattern packets.			Privileged Newspapers.			Parcels.			Annas.
Each.	Not exceeding ½ tola.	Exceeding ½ tola but not exceeding 1 tola.	For every additional tola or fraction thereof.	Not exceeding 10 tolas.	For every additional 10 tolas or fraction thereof.	Not exceeding 3 tolas.	Exceeding 3 tolas but not exceeding 10 tolas.	For every additional 10 tolas or fraction thereof.	Not exceeding 20 tolas.	Exceeding 20 tolas but not exceeding 40 tolas.	For every additional 40 tolas or fraction thereof.	Registration Fee, to be prepaid by stamps— Each article	2
												Acknowledgment of Receipt from Addressee, to be prepaid by stamps in the case of Registered Letters, and in cash in the case of Parcels	1
												Insurance Fee, to be prepaid by stamps in the case of Letters and in cash in the case of Parcels— When the value certified does not exceed Rs. 50 Ditto ditto ditto 100 For every additional Rs. 100 or fraction thereof ...	2 4 4
RUPEE.	ANNA.	ANNA.	ANNA.	ANNA.	ANNA.	ANNA.	ANNA.	ANNA.	ANNA.	ANNAS.	ANNAS.	False-payable Commission (deducted from amount paid to sender)— When the value does not exceed ...Rs. 10 Ditto ditto ditto 25 For every additional Rs. 25 or fraction thereof ...	2 4 4
½	½	1	1	½	½	½	½	½	4	8	4	Money Order Commission, to be prepaid in cash— On sums not exceeding ...Rs. 10 On sums exceeding Rs. 10 but not exceeding 25 For every additional Rs. 25 or fraction thereof ...	2 4 4
UNPAID POSTAGE CHARGEABLE ON DELIVERY.													
For an unpaid letter or book or pattern packet—double the prepaid rate.													
For an insufficiently paid letter, or book or pattern packet—double the deficiency.													
For an insufficiently paid or an unpaid parcel—the prepaid rate. (Partial prepayment of ordinary parcels cannot be recognised.)													
												Certificate of Posting, to be prepaid by stamps on the form presented.— Each article	2

List of Union Countries.

Aden.	Guiana.	Peru.
Argentine Republic.	Hawai.	Portugal.
Austria.	Haiti.	Portuguese Colonies.
Belgium.	Heligoland.	Roumania.
*Berbers.	Hodeida.	Russia.
Bermuda.	Holand.	St. Domingo.
Brazil.	Honduras.	Salvador.
Bulgaria.	Hungary.	Servia.
Canada.	India.	Seychelles.
Ceylon.	Italy.	*Souakin.
Chili.	Japan.	Spain.
China.	Jedda.	Spanish Colonies.
Costa Rica.	Lahuan.	Straits Settlements.
Cyprus.	Liberia.	Sweden.
Danish Colonies.	Luxemburg.	Switzerland.
Denmark.	Malta.	*Tadjoura.
Dutch Colonies.	*Massowa.	Turkey.
Ecuador.	Mauritius.	United Kingdom.
Egypt.	*Mecca.	United States of America.
Falkland Islands.	Mexico.	United States of Colombia.
France.	*Mocha.	United States of Venezuela.
French Colonies.	Montenegro.	Uruguay.
Germany.	Newfoundland.	West Coast of Africa.
Gibraltar.	Nicaragua.	West Indies.
Gold Coast.	Norway.	Zanzibar.
Greece.	Paraguay.	*Zeyla.
Guatemala.	Persia.	

* Regarded as Union places, but no registration available.

GENERAL.

GENERAL BUSINESS HOURS OF THE POST OFFICE.—The hours during which the Post Office is open to the public for the transaction of business are given below:—

For disposal of references and applications	From 7 to 8 A. M., & from noon to 5 P. M.
registration	From 7 to 8 A. M., & from noon to 5 P. M., unless otherwise notified.
insurance	
posting parcels	
posting value-payable articles	
granting certificates of posting	From noon to 4 P. M. unless otherwise notified.
the issue and payment of money orders	
Savings Bank business	
sale of Postal Notes	
sale of Stock Notes	

SPECIAL HOURS LOCALLY NOTIFIED.—Special hours of business, the hours for closing mails and for the delivery of mails, are notified at every Post office in a conspicuous place.

POST OFFICE HOLIDAYS.—On Sundays and on the following Post Office holidays, New Year's Day, Good Friday, the Queen's Birthday and Christmas Day, the Post Office will not be open for disposal of references and applications, for the purposes of registration or insurance, for the receipt of parcels or value-payable articles, for granting certificates of posting, for the issue or payment of money orders, for the transaction of Savings Bank business or for the sale of Postal

Notes or Stock Notes. On these days postage stamps, envelopes and post-cards will not be available to the public unless the last day for closing the mail for Europe should fall on a Sunday or on any of the Post Office holidays.

RESPONSIBILITY OF THE INDIAN POST OFFICE.—The Indian Post Office is exempted by law from all responsibility in the case of any loss or inconvenience which may arise from the misdelivery, missending or non-delivery of any letter, post-card, newspaper, packet or parcel. It is also exempted from responsibility for any injury which the contents of any letter, packet or parcel may sustain during its transmission through the post. In the case of insured articles however, the Indian Post Office is responsible for their safe transmission under certain conditions which will be found stated in the Postal Guide.

POST OFFICE RECEIPTS.—A receipt will be given by the Post Office for every parcel or registered, or value-payable, article presented at the office window during the prescribed hours. This receipt will be given, when desired, in a sender's book, provided that the book is presented at the same time as the article with the address on the article written into it. In this case, however, a separate printed form of receipt will not be given. If several articles of the same class are presented at the same time on the part of the same sender, and bearing the same address, a single receipt, including all the articles, will be given, unless the sender demands a separate receipt for each article.

SPECIAL POSTAL ACKNOWLEDGMENTS.—The object of the Post Office in undertaking to obtain special acknowledgments is to afford the public an assurance on the part of the Post Office that the articles, for which these acknowledgments can be obtained, have reached the addressees.

ARTICLES FOR WHICH SPECIAL ACKNOWLEDGMENTS CAN BE OBTAINED.—The articles for which acknowledgments can be obtained are registered letters and packets, and ordinary parcels. In the case of insured articles the Post office always obtains an acknowledgment from the addressee for the sender.

POSTAL ACKNOWLEDGMENT FEE.—The fee for a special acknowledgment is one anna. It must be prepaid by postage stamps in the case of registered letters and packets, and in cash in the case of parcels.

POST-CARDS.

SPECIAL RULES AS TO ADDRESS, &c., OF POST-CARDS.—Nothing except the address may be written, printed or otherwise impressed on the face or stamped side of a post-card. No paper or other article may be attached to the card, and it may not be folded, cut or otherwise altered, though there is no objection to the stamp being perforated with initials for the prevention of theft. As an exception to this rule receipt or other adhesive stamps may be affixed to the back, or blank side, of inland post-cards.

PENALTY FOR BREACH OF RULES.—If any of the above rules should be infringed with regard to a post-card, it will be taxed on delivery with half an anna.

BOOK-PACKETS.

WHAT A BOOK PACKET MAY CONTAIN.—A book packet may contain:—

- (a) Any quantity of blank paper, parchment or card-board.
- (b) Books, whether blank or printed; newspapers and publications of all kinds; engravings, photographs, drawings,

plans, maps, printed music and proof sheets, with or without the manuscript relating thereto.

- (c) And generally anything printed, engraved, lithographed or papyrographed on paper, parchment or card-board.

With the above articles may be sent any legitimate binding, mounting or covering, loose or attached, and anything that ordinarily appertains to such articles, as pens and pencils in the case of a pocket-book, photographs in the case of a photograph book, card plates in the case of visiting cards, &c. But no written communication of the nature of a letter, or having the character of a personal communication, may be enclosed with these articles or written upon them: this however does not exclude inscriptions or entries stating who the sender is or to whom the articles are to be given.

- (d) Business papers, written or drawn wholly or partly by hand, not being of the nature of a letter or having the character of a personal communication, such as deeds, bills of lading, invoices, accounts, &c.

- (e) Manuscript of all kinds, including manuscript music, not being of the nature of a letter or having the character of a personal communication. Manuscript sent to a newspaper for publication may also be sent as a book-packet even when it has the form and character of personal correspondence.

With any of the above-mentioned articles may be sent anything that is necessary for their safe transmission through the post, such as rollers, &c.

CONDITIONS AS TO SIZE.—A book packet may not exceed two feet in length by one foot in width and one foot in depth: there is no express limit as to weight.

CONDITIONS AS TO PACKING.—A book packet must be posted either without a cover, or with a cover open at both ends, so as to admit of a ready examination of its contents.

PATTERN PACKETS.

CONTENTS OF PATTERN PACKETS.—Pattern Packets may only contain *bona fide* trade patterns or samples of merchandise which must not possess any saleable value.

CONDITIONS AS TO SIZE AND WEIGHT.—The size of a pattern packet must not exceed two feet in length by one foot in width and one foot in depth; and in weight it must not exceed forty tolas.

CONDITIONS AS TO PACKING.—A pattern packet must be posted either without a cover, or with a cover open at both ends so as to admit of a ready examination of its contents. An exception to this rule is made in favour of samples of seeds, drugs, and other articles which cannot be sent in open covers: such samples may be sent enclosed in boxes or bags, so long as they are fastened in such a way that they can be easily opened. They may also be sent in air-tight cases when necessary, provided that the nature of the contents is certified on the cover under the full signature and address of the sender.

PARCELS.

CONDITIONS AS TO WEIGHT AND SIZE OF PARCELS.—A parcel must not exceed 25 seers (2,000 tolas) in weight, and it must not be of a kind which, owing to size, shape, manner of packing or any other cause, cannot be carried without serious inconvenience or risk.

CONTENTS OF PARCELS.—Anything may be sent in a parcel excepting articles the transmission of which is prohibited; and any parcel may contain one written communication of the nature of a letter, or having the character of a personal communication, but no more than one.

REGISTRATION.

POSTAL ARTICLES WHICH CAN BE REGISTERED.—Any letter, post-card, book packet or pattern packet, can be registered for transmission by the inland post. Parcels cannot be registered, as they are forwarded, in any case, under the same precautions as registered articles.

POST OFFICES AT WHICH SUCH ARTICLES CAN BE REGISTERED.—The postal articles enumerated above can be registered at any Post Office for transmission to any other Post Office.

MANNER OF REGISTERING.—Postal articles which the sender wishes to have registered must be presented at the Post Office window for registration.

PREPAYMENT OF REGISTRATION FEE AND POSTAGE COMPULSORY.—The postage and registration fee must be prepaid in stamps affixed to the postal article intended for registration. The registration fee is two annas for each postal article registered.

SENDER'S NAME AND ADDRESS ON COVER.—The sender of a registered article is recommended to write his name and address on the cover in the lower left-hand corner, so that the article, in case of non-delivery, may be returned to him *unopened and without delay*.

CASES IN WHICH REGISTRATION IS COMPULSORY.—Articles containing currency notes or a part of a currency note *must be registered*, and if any such article be found unregistered at any stage of its passage through the post, it will be registered, and a *double* registration fee charged on delivery, in addition to any other postage which may be due. The same procedure will be followed in the case of any article which manifestly contains a postage stamp or other stamp or label, or a cheque, hundi, bank note, bank post bill, bill of exchange or the like.

INSURANCE.

POST OFFICES AT WHICH ARTICLES CAN BE INSURED.—Registered letters, value pay-able registered letters, parcels and value-payable parcels may be insured at all Post Offices named in the list at the end of the Postal Guide, with the exception of those marked ¶; but insurance can only be signed in the case of Post Offices distinguished in that list by the sign ¶.

INSURANCE FEES.—The charge for insurance is as follows:—

When the value insured does not exceed.....Rs. 50 As. 2

When it exceeds Rs. 50, but does not exceed... „ 100 „ 4

and 4 annas for every additional rupees 100 or fraction thereof.

Partially insured articles will be charged only half the above rates.

CONDITIONS AS TO PACKING.—The cover of an insured letter must be of strong paper, or other substantial material, securely closed and sealed (with distinct impressions of some device other than that of a current coin) at intervals not exceeding two inches along each fold or seam. As an additional precaution (if the contents admit of it), a thread should be passed through the cover and its contents and tied

the knot being placed under the central seal. An insured parcel must be securely packed in cloth or tin, and if it is packed in cloth, it must bear seals at intervals not exceeding three inches along each line of sewing.

* *Specimen of writing the certified value on the envelope.*
Certified value two hundred and seventeen (217) rupees.

To
A. B.,
 &c. &c.

CERTIFICATE OF ACTUAL VALUE.—The actual value must be certified by the sender in figures and words, immediately above the address,* on the cover of the article; no correction or erasure is permissible in the writing or figures of the amount certified.

PREPAYMENT OF INSURANCE FEE AND POSTAGE.—The prepayment of all charges on insured articles (i. e., postage, registration fee, and insurance fee on letters, and postage and insurance fee on parcels) is compulsory. Prepayment must be made by means of stamps in the case of letters, and by cash in the case of parcels.

FAILURE TO COMPLY WITH CONDITIONS.—Articles not properly packed, or not fully prepaid, or not duly certified, or not accompanied by a declaration, will not be insured.

MANNER OF INSURING AND DECLARATION.—Articles intended for insurance must be presented at the window of the Post Office accompanied by a declaration of the value and contents. Forms of declaration, similar to specimen given below, can be obtained, *gratis*, from the Post Office.

Specimen of Declaration.

The accompanying letter (or parcel) addressed to Major G. H. Grantly, 15th Hussars, Muzra. Contains the articles detailed herein, of the aggregate value of rupees (in words) <i>Two hundred and seventeen (217) Rs.—</i> Signature of sender, Henry Wood, Agn. Dated 1st April 1881.		DESCRIPTION OF CONTENTS.					
		Government Currency Notes.			Other Articles.		
		Serial.					
Letter.	No.	General No.	Value.	Description	Value.		
E	12	10,465	100				
M	16	10,293	100	1 Silver Locket.	17 0		
Number to be filled in by the Post Office.							
						D. O.	

CASES IN WHICH INSURANCE IS COMPULSORY.—Coin, bullion, precious stones, and jewels can be sent by post only in insured registered letters or insured parcels.

VALUE-PAYABLE ARTICLES.

VALUE-PAYABLE ARTICLES. WHAT THEY ARE.—Value-payable articles are articles with regard to which the Post Office undertakes to recover from the addressee on delivery a specified sum of money fixed by the sender, and to remit this sum, minus a commission, to the sender. Registered letters, parcels and registered book packets may

be sent as value-payable articles, provided that the amount to be recovered on any such article is not less than 4 annas nor more than Rs. 600, and that it does not contain a fraction of an anna.

POST OFFICES FROM AND TO WHICH THEY MAY BE SENT.—Value-payable articles can be posted at any Post Office that is a Money Order Office (except Aden and Zanzibar) for transmission to any other Post office that is a Money Order Office (except Aden and Zanzibar). All Post Offices that are Money Order Offices are distinguished in the list of Post Offices at the end of the Postal Guide by the letters "M. O." opposite their names.

MANNER OF POSTING.—Value-payable articles must be presented at the office of posting with a statement, in the prescribed printed form, shewing the amount to be recovered from the addressee on delivery. Copies of this form can be obtained, *gratis*, at the Post Office.

MANNER OF DELIVERY.—Intimation of the arrival of a value-payable article will be sent by the office of destination to the addressee with a form of receipt to be signed by him. Value-payable articles will be delivered at the Post Office to the addressee on payment of the amount entered in the intimation, including any postage that may be due, and on presentation of the signed receipt.

MANNER OF PAYMENT TO SENDER.—The amount when recovered from the addressee will be paid to the sender, by means of a money order, minus a commission calculated at the following rate:—

	ANNAS.
If the value does not exceed Rs. 10	2
If it exceeds Rs. 10, but does not exceed Rs. 25...	4
For every additional Rs. 25 or fraction of Rs. 25...	4

FOREIGN PARCEL POST.

POST OFFICES AT WHICH PARCELS CAN BE POSTED.—Parcels are received at any Post Office in India for transmission to the countries named below:—

Aden.	China (British Offices).	Holland (Netherlands).	Straits Settlements
Austria..	Denmark.	Sweden.	
Belgium	France.	Hungary.	Switzerland.
Ceylon.	Germany.	Norway.	United Kingdom.

POSTAGE ON PARCELS.—The postage on parcels is eight annas for every pound or fraction of a pound. The postage must be paid *in cash* and prepayment is compulsory.

UNPAID AND INSUFFICIENTLY PAID PARCELS.—Unpaid and insufficiently paid parcels will not be forwarded from India.

CONTENTS OF PARCELS.—Anything may be sent in a foreign parcel except opium, liquids, or substances of a dangerous, damaging or offensive nature, such as gunpowder, glass, &c., the transmission of which is forbidden. Parcels addressed to the Straits may not contain specie.

CONDITIONS AS TO SIZE AND WEIGHT OF PARCELS.—A parcel may not exceed two feet in length by one foot in width and one foot in depth, nor may it measure less than three inches in length by two inches in width and two inches in depth; and it may not exceed fifty pounds in weight (39 tolas are reckoned as equal to 1 pound).

CONDITIONS AS TO VALUE OF PARCELS. Parcels addressed to the United Kingdom or Ceylon may not exceed £50 in value: in the case of parcels addressed to other countries served by the Foreign Parcel Post no special rule as to value is laid down.

CONDITIONS AS TO PACKING.—Parcels should be securely packed; the public are specially warned against the use of flimsy covers, or covers likely to be detached in transit. Heavy articles are sometimes forwarded with only a paper covering insecurely fastened with twine: friction during transit destroys this covering, and damage or loss ensues. A stout covering of cloth sewn at the edges, or boxes of wood or tin, are recommended for parcels likely to suffer from pressure. Parcels containing valuables should be sealed.

* *Specimen form of declaration.*

This parcel addressed to— Messrs B. Smith, 114, Finsbury, London.	
Contains—	Value.
1 Piece Putton Cloth	£ s. d.
1 Bangore Chauder	2 0 0
	2 10 0
Total.....	4 10 0
I declare the above to be a true statement of the contents and value.	
(Signed) A. R. ROBINSON, Amirlineer.	

ADDRESSES ON PARCELS.—DECLARATION OF CONTENTS AND VALUE.—Every parcel must bear the name and full address of the person for whom it is intended, and must be accompanied by a separate paper bearing the *address* of the parcel to which it relates, and a declaration of its *contents* and *value*, as well as the signature and address of the sender. The value must in all cases be stated in British sterling money. A specimen of the form of the declaration required is given in the margin.*

This declaration must be tendered by the sender with each parcel, at the time of posting.

PARCELS AND DECLARATIONS TO BE ENCLOSED IN AN OUTER COVER.—Foreign parcels containing coin, bullion, precious stones and jewels, must be partially insured—at the rate of one anna for rupees 50: 2 annas for rupees 100, and 2 annas for every additional rupees 100 or fraction thereof. The partial insurance is intended to cover all risks during transit to the port of embarkation. Such parcels must be packed and sealed in the manner prescribed for insured parcels in the Postal Guide.

MONEY ORDERS.

POST OFFICES AUTHORIZED TO DEAL WITH MONEY ORDERS.—All Post Offices that are authorized to issue or pay money orders are distinguished in the list of Post Offices at the end of the Postal Guide, by the letters "M. O." against their names.

INLAND MONEY ORDERS.

RATES OF COMMISSION.—The commission charged on the issue of money orders is as shown in the margin.*

	Rs.	Rs. A.	
* On sums not exceeding.....	10.....	0 3	LIMIT OF VALUE AND NUMBER OF MONEY ORDERS.—The value of a money order may not exceed Rs. 150 and may not include the
" exceeding Rs. 10, but not exceeding 25.....	25.....	0 4	
" " " 25 " " " 50.....	50.....	0 8	
" " " 50 " " " 75.....	75.....	0 12	
" " " 75 " " " 100.....	100.....	1 0	
" " " 100 " " " 125.....	125.....	1 4	
" " " 125 " " " 150.....	150.....	1 8	

fraction of an anna. The same remitter will not be allowed to obtain in one day money orders for a sum exceeding Rs. 600 in the aggregate drawn on the same office or payable to the same person.

APPLICATIONS FOR MONEY ORDERS.—Applications for money orders must be written on one of the printed forms supplied *gratis*, by the Post Office. A separate application must be made out for each money order required.

ENTRIES IN APPLICATION.—The name of only one person may be entered in the application as remitter, and the name of only one person as payee, except in the case of firms, &c., whose usual designation must be given. All entries in the application must be written legibly and as completely as possible.

POST-CARDS MAY BE ATTACHED TO APPLICATION.—The remitter of a money order may attach to his application a post-card, and a post-card so attached will be delivered with the money order; the post-card should bear the name and address of the payee on the appropriate side, the reverse side being available for any instructions or communication desired to be conveyed to the payee.

TRANSMISSION OF MONEY ORDERS.—A remitter has nothing to do with transmission of the money order applied for by him, the Post Office undertaking the entire work of transmitting the money order. All that a remitter has to do after receiving a receipt for his application, is to await the receipt of an acknowledgment of delivery of the money order, or to represent to the Post Office any undue delay in the receipt of his acknowledgment.

CEYLON, CHINA, JAPAN, STRAITS, AND MAURITIUS MONEY ORDERS.—The foregoing rules apply generally to money orders drawn upon Ceylon, China, Japan, the Straits, and Mauritius, but no post-card may be attached to applications for such orders.

FOREIGN MONEY ORDERS.

* Belgium.	Queensland.
Canada.	South Australia.
Denmark.	Switzerland.
Germany.	Tasmania.
Heligoland.	United Kingdom.
Holland.	United States of America.
Italy.	Victoria.
Luxembourg.	Western Australia.
New South Wales.	

FOREIGN MONEY ORDERS.—Foreign money orders are money orders exchanged between India and the countries named in the margin.*

RATES OF COMMISSION.—The rates of commission are as follows:—

For Orders drawn upon the following countries, viz. Belgium, Denmark, Germany, Heligoland, Holland, Italy, Luxembourg, New South Wales, Queensland, South Australia, Switzerland, Tasmania, Victoria, Western Australia.

	Rs. A.		Rs. A.
On sums not exceeding £2	... 0 4	Exceeding £10 & not exceeding £12	1 4
Exceeding £2 and not exceeding £5	5 0 8	" £12 "	1 8
" £5 "	7 0 12	" £15 "	1 12
" £7 "	10 1 0	" £20 "	2 0

For Orders drawn upon the United Kingdom, the United States of America or Canada.

	Rs. A.		Rs. A.
On sums not exceeding £2	0 8	Exceeding £5 and not exceeding £7	1 8
Exceeding £2 and not exceeding £5	1 0	" £7 "	2 0

LIMITS OF VALUE AND NUMBER OF MONEY ORDERS.—The amount of a foreign money order must be expressed in British (*sterling*) money

and may not exceed £10 if payable in the United Kingdom, Canada, the United States of America or Tasmania, or £20 if payable in any other country mentioned above. No money order may contain a fraction of a penny, and no remitter will be allowed to obtain in one day more than four money orders payable to the same person.

REMITTER TO INFORM PAYEE OF HIS NAME.—It will be necessary for the remitter of a foreign money order to write to the payee informing him of his (the remitter's) name as entered in the application. The payee will receive the money order direct from the head money order office of the country of payment.

SCHEDULES SHOWING THE RATES OF EXCHANGE.—For the purpose of calculating the Indian equivalent of the amount of a foreign money order and the commission chargeable thereon, all Head Post Offices will be supplied with schedules drawn out at different rates of exchange, and will receive orders from time to time as to the particular schedule to be used in such calculations. Copies of the schedules can be seen at any Head Post Office.

INDIA POSTAL NOTES.

Note.—The following rules regarding Postal Notes will not come into force until the 1st January 1883.

DEFINITION OF TERM "POSTAL NOTE."—A "Postal Note" is a note granted by the Post Office for the payment of a certain sum of money on presentation of the note.

DEFINITION OF TERM "PURCHASER."—The "Purchaser" of a postal note is the person who buys it from the Post Office.

DEFINITION OF TERM "PAYEE."—The "Payee" of a postal note is the person to whom it is payable.

POST OFFICES AUTHORIZED TO ISSUE POSTAL NOTES.—All Post Offices are authorized to issue postal notes: the notes will always be procurable at a Head Post Office and generally at any Post office.

POST OFFICES AUTHORIZED TO CASH POSTAL NOTES.—All Post Offices are authorized to cash postal notes: when a note is presented for payment at a Sub Post Office there may be delay in procuring the money from the Head Post Office.

VALUE AND COLOUR OF POSTAL NOTES.—There are three values of postal notes: each value is printed in a different colour. The cost of each value is shown below:—

Value	Colours in which printed	Cost including Commission.
Rs. A.		Rs. A. P.
2 8	Black	2 9 0
1 0	Red.	1 0 6
0 8	Blue.	0 8 3

INSTRUCTIONS FOR THE PURCHASER.—The purchaser of a postal note should, before parting with it, enter on the reverse the payee's name and address: the purchaser should further keep a record of the number and date of the note and of the name of the Head Post Office of issue, so as to facilitate enquiry in case of loss.

INSTRUCTIONS FOR THE PAYEE.—The payee of a postal note must, before payment can be made, sign the receipt on the reverse of the note and enter the name of the Post Office at which the note is to be cashed.

LAPSE AND FORFEITURE.—After the expiration of three months from the last day of the month of issue a postal note will lapse. A lapsed note will, on payment of a second commission, be payable during a further period of three months, at the expiration of which the note will be forfeited.

PAYMENT OF POSTAL NOTES.—If a postal note be cut, defaced, mutilated, or altered, or if any erasure be made, payment will be refused. When once a postal note has been paid to whomsoever it is paid, the Post Office will not be liable to any further claim regarding it.

POST OFFICE SAVINGS BANKS.

WHERE AND WHEN DEPOSITS MAY BE MADE.—Post Office Savings Banks are established at almost all Post Offices that are Money Order Offices (*except those in the Bombay Presidency*), and are open to receive deposits daily, with the exception of Sundays, and Post Office holidays, from noon till 4 P. M.

WHO MAY DEPOSIT—WHAT GOVERNMENT PROMISES TO DO WITH REGARD TO DEPOSITS.—At these Banks any person (man, woman or child) may deposit money. No sum less than four annas, and no sum that is not a multiple of four annas, can be received: no one is allowed (except in the case of Public Accounts) to deposit more than Rs. 500 in all in the year. Government promises to repay the money, with interest, to the person depositing it in his or her own name, whether man, woman or child. Parents and other relatives can also deposit money on behalf of minors, that is of persons who have not completed the age of 18 years, but Government will not pay this money during the minority of the minors to any one except their legal guardians.

INTEREST ON DEPOSITS HOW CALCULATED AND PAID.—Interest is allowed, until further orders, at the rate of one pie, or three pies, a month on every complete sum of five rupees. It will be calculated on the lowest balance at the credit of an account between the close of the 4th day and the end of a month. The amount of interest will be added to each account once a year after the 31st March.

DECLARATION ON MAKING A FIRST DEPOSIT.—On making a first deposit the intending depositor must state his name, occupation and residence: if a native he must also give his father's name and caste. He must then sign the following declaration, or, should he be unable to write, affix his mark or seal to it at the post office in the presence of a witness who will attest it with his signature:—

Form of Declaration.

I hereby declare that the Post Office Savings Banks Rules have been read ^{by me} _{to me} and that I accept them as binding upon me. I further declare that I have no account in my own name at any post Office Savings Banks.

Depositor.

DEPOSITOR'S PASS-BOOK—ITS USE AND IMPORTANCE.—A pass book will be given to every depositor free of charge when he makes his first deposit. This book will show, in the Vernacular of the district, or in English, as the depositor may wish, the number of his account, with the name of the office from which the book is issued, his own name, occupation and residence. Money cannot be paid in or taken out without the production of this book, and the Post Master will enter in it

every sum of money paid in or taken out, strike the balance on each occasion, and sign the entry and stamp it with the office stamp. The depositor must present the Pass-book after the 31st March of each year, in order that the interest due may be added to the principal in the book, and he must always carefully examine the entries made in his book before leaving the office. On no occasion should he allow the Pass-book to remain at the Post Office, unless his account is finally closed. The Pass-book is his private property and must be kept carefully in his own hands. Should he lose the book or allow it to be spoilt, he will have to pay one rupee for a fresh book.

HOW TO MAKE SUBSEQUENT DEPOSITS.—DEPOSITOR AT SUB POST OFFICE ENTITLED TO SPECIAL RECEIPT.—When a depositor wishes to deposit money after the first time, all that he has to do is to send or present the money with his book at the Post Office. If this money be paid in at a Sub Post Office, the depositor will receive, in addition to the receipt in the book, an acknowledgment by post from the Head Office. If this acknowledgment should not reach him, or if it should have any corrections in it, or should not tally with the entry in the book, he must write to the Post Master at the Head Post Office, the name of which is in his book, and should renew his application again and again until he receives a satisfactory reply.

HOW TO WITHDRAW MONEY.—A depositor may withdraw money once a week, the sum withdrawn must not be less than four annas, or a sum that is not a multiple of four annas. He must make an application on a printed form, which he can obtain at the Post Office. If he can write, he can sign the form and send it to the Post Office with his Pass-book. If he cannot write, he must attend the Post Office and affix his mark or seal to the form, to be attested by the signature of a witness. Payment will then be made to the depositor or to the person presenting the signed application and Pass-book, and his receipt taken, *in all cases without a receipt stamp*, on the order for payment. At a Sub-Post Office payment cannot be made until an order of payment is received from the Head Post Office. The depositor will be told on what day to come for the money, and on that day payment will be made, as above, to the person presenting his Pass-Book. If a depositor wishes to withdraw the whole of his money, he must follow the same procedure.

HOW TO TRANSFER DEPOSITS.—A depositor can transfer his deposit, without charge to any other Post Office that is a Savings Bank. If he should wish to transfer his account, he must present his Pass-Book at the Post Office, or he can send a written application asking for the transfer with his Pass-Book. The Pass-Book will be retained by the Post Master, and a receipt given to him showing the amount at his credit. On presenting this receipt at the Post office to which his account is transferred, he will receive a new Pass-book free of charge. A depositor in a District Savings Bank may, by application to the local Treasury, have his account transferred free of charge to any Post Office Savings Bank.

HOW DEPOSITOR CAN OBTAIN FURTHER INFORMATION.—If any further information be required on any point connected with the Post Office Savings Banks, detailed rules will be found in the Postal Guide or can be seen at any Post Office.

POST OFFICE OFFICIALS BOUND TO SECRECY.—The officers of the post office are not allowed to disclose the name of any depositor, or the amount deposited or withdrawn by him, to any one not belonging to the Postal Department.

INDIA STOCK NOTES.

STOCK NOTES PROCURABLE AT POST OFFICES.—Except within the limits of the Provinces and places noted in the margin, Government Stock Notes for Rs. 12-8, Rs. 25 and Rs. 50 can be purchased direct from any Head Post Office or obtained from a Head Post Office by application at any Sub Post Office. These Stock Notes bear interest at the rate of 4 per cent. payable annually at the Treasury.

City of Calcutta.	Punjab.	of the Provinces and
City of Madras.	Central Provinces.	places noted in the mar-
City of Bombay.	Berars.	gin, Government Stock
North-West Provinces.	Burma.	Notes for Rs. 12-8, Rs. 25
Oudh.	Native States.	and Rs. 50 can be pur-

RULES

Regarding the Unjel Department of the Travancore Government published for general information.

The attention of the public is invited to the following Unjel rules:—

It will be seen that they afford greater facilities for communication by the Unjel than the public have hitherto enjoyed.

The principal changes introduced by the rules are,

(1) That the postage on letters is assimilated as far as possible to the rates in British India.

(2) That the rates on book packets have been reduced to one half the former Unjel rates in conformity with the British rates.

(3) That the system of transmitting pattern packets on payment at the British rates is newly introduced for the convenience of the public in general and of traders in particular.

(4) That the registration fee on each letter has been reduced from 6 to 3 Chackrams.

(5) That book or pattern packets may be registered on payment of the still smaller fee of 3 Chackrams which is somewhat less also than even the British rate of 2 annas.

(6) That the Unjel department now undertakes to procure from the addressee an acknowledgment of receipt for registered articles, on payment of a fee of two Chackrams the British rate being 1 anna.

(7) That proof sheets and Press manuscripts may hereafter be sent by book post which is a cheaper medium than letter post, and

(8) That complaints against the Unjel office shall be carried free hereafter.

It is to be hoped that with these increased facilities afforded by the new rules, the Unjel will be more largely and generally availed of than it is at present.

LETTERS.

1. Letters weighing up to 20 Tola's whether paid or service shall be sent by letter mail, and those exceeding that weight by the slower Banghy mail, but letters of an emergent character though weighing above 20 Tola's may nevertheless be sent by letter mail, provided the charges are paid at letter rates in the case of private covers and provided the words "emergent" and by "letter mail" are written on the cover in the case of official letters.

SERVICE LETTERS.

2. Heads of offices and departments are required to pay particular attention to the proper superscription of service letters &c. sent through the Sircar Unjel. A specimen form of address is given in

Office of the Trevandrum Division Peishcar	the margin. If the service covers from any office
On Sircar Service only	are not properly addressed
To	and franked by the Head
A. B.	of each department or
Division Sunprethy.	office or by a trustworthy
Quilon.	subordinate especially autho-

rized by him in writing for the purpose, they will be treated as private covers and charged at the prepaid rates.

3. The officer authorized as aforesaid to sign the cover, must enter in full his official designation, in order that his individual responsibility may be enforced in cases of doubt or fraud.

4. Government officers are bound to receive all service letters &c. addressed to them, paying any charge which may be made by the Unjel office on account of any irregularity or incompleteness of the address or signature.

5. The postage thus charged by the Unjel Department will be paid by the official to whom such cover is addressed; the addressee will, in due course, apply to the official from whose office the cover was despatched for the postage paid by him forwarding the cover as a voucher for the amount. The officer to whom such application has been made will use his discretion in recovering the postage from the person or persons in fault.

6. Letters sent by Government officers in their official capacity which relate nevertheless to the private interests and concerns of the individuals addressed, should be addressed according to the specimen form given in the margin under the full signature and official designation

Office of the Trevandrum Division Peishcar	of the person by whom they are sent.
Service Bearing	Letters &c. so addressed
To	shall be regarded by the
A. B.	Unjel office as private
C. D.	covers and charged on de-
Downn Peishcar	livery with postage at prepaid rates instead of at double rates.
Alleppey	Under

this head come replies sent to communications of the kind named below.

Petitions.

Applications for appointments.

Do. for transfer.

Enquiries about the title to leave &c.

EXPRESS UNJEL.

7. The fee for expresses sent through the Sircar Unjel by the public is 1 Fanam per mile or a fraction of a mile. Letters sent by express must be registered, without which the Unjel authorities cannot claim a receipt from the addressee.

8. If the person to whom an express has been sent has left the station for another, it will be forwarded to him to the new station by the ordinary mail.

9. If the addressee be not found and if the Unjel Master be unable to find out his whereabouts, the letter shall be treated as unclaimed. It will be detained at the office of delivery for three weeks, and then returned to the sender.

SERVICE EXPRESSES.

10. Service expresses can be ordered only by the officers named Sarwadi Kariakar in behalf of H. H. in the margin. Such expresses the Maha Rajah. shall not be accepted for des-

Dewan.
Unjel Superintendent. patch by Unjel Masters unless accompanied by written orders duly signed by the officers named.

11. As the employment of expresses interferes greatly with the celerity and regularity of the ordinary mails and is attended with expense, trouble and inconvenience, this mode of conveyance must be resorted to as sparingly as possible.

12. The above rules regarding expresses do not in any way affect the existing arrangements for the transmission of articles, &c. by periodical expresses for the use of the palace.

REGISTRATION OF LETTERS.

13. The fee for registration shall be 3 Chackrams. Only one receipt shall accompany every registered letter. The addressee's signature will be obtained in the receipt and the receipt recorded in the office of delivery. If the sender is desirous of obtaining an acknowledgment from the addressee he must give his name and full address at the time of presenting the letter and pay 2 Chackrams in addition to the usual registration fee and postage.

14. Letters containing a currency note or any portion thereof, postage or other stamps, cheques, hundi, bank note, bill of exchange or the like must be sent registered. It is considered expedient for the safety of currency notes in transit, that they should be sent in halves.

15. The sender of a registered letter is required to see that it is enclosed in a cover or envelope of a substantial kind fastened in a secure manner. Sealing-wax with a distinct impression (other than that of the current coin) is recommended for fastening the cover instead of or in addition to any other means of fastening.

NEWSPAPERS.

16. Packets of newspapers weighing under 20 Tola's will travel by the letter mail and those exceeding that weight by banghy mail.

BOOK AND PATTERN PACKETS.

17. Book and pattern packets must be packed in open covers.

18. Samples of seeds, drugs and such like articles which cannot be sent in open covers, may be packed in boxes or bags of linen or of other material, fastened in such a manner that they may be if necessary easily opened to enable the Unjel officers readily to satisfy themselves of the nature of the contents.

19. A book packet may contain newspapers, paper, any binding, covering, mounting or other appurtenances of books or maps.

20. Proof sheets, marked as such on the outside under the signature of the sender, may be transmitted by book post.

21. Press manuscripts intended for publication may also be transmitted by book post provided that the packet bears on the outside above the address the superscription 'Press manuscript' and is addressed to the office of a newspaper.

22. Pattern packet may contain only *bona fide* trade patterns or samples of merchandise.

23. No packet may exceed $2\frac{1}{2}$ feet in length or $1\frac{1}{2}$ in width or depth. Packets exceeding the prescribed dimensions shall be treated as parcels and charged accordingly.

24. Packets may be registered and acknowledgments obtained for them on prepayment of 3 Chackrams for the former and 2 Chackrams for the latter.

PARCELS.

25. The sender of a parcel is required to see to its secure packing and sealing. Cloth, wax-cloth or tin is recommended for a covering and if cloth or wax-cloth is used for this purpose the sender is required to seal it at intervals not exceeding 3 inches along the line of sewing.

26. The sender can claim a receipt from the Unjel office for a parcel only if it is packed according to the instructions given above and no separate fee will be charged for the receipt.

27. If the sender desires to obtain an acknowledgment from the addressee, he must prepay the acknowledgment postage 2 Chackrams independently of the parcel postage.

MISCELLANEOUS.

28. Letters &c. must be posted at least half an hour before the time fixed for the closing of the mail. Letters &c. posted after that time, will be stamped 'Too late' and detained for the following day's mail. The time of the closing of the mail will be notified by the Unjel master at every station. Letters &c. that are to be despatched by mails during night must be posted before 6 p. m. except under special orders to the contrary from the Unjel Superintendent.

29. The hours of registration of letters and parcels at every Unjel office shall be from 7 to 10 a. m. and from 12 noon to 5 p. m. Letters and parcels intended for any mail will not be despatched by that mail unless presented half an hour before it is closed. In no case will they be received during the hours of despatch or receipt of mails.

30. Registered letters and parcels (whether paid or service) will be delivered only to the addressees in the absence of written instructions from them to the local Unjel masters. Heads of offices and departments are therefore desired to make the necessary arrangements either to receive service registered letters and parcels themselves, or authorize the local Unjel Master to deliver them to any one whom they may authorize for that purpose.

31. Unjel peons are forbidden to deliver any letter or other article without requiring immediate payment of the amount due, or to deliver any registered letter or parcel without requiring the immediate signature of the receipt and acknowledgment.

32. Unjel peons are not bound to give change. If the amount charged is not at once tendered, or if the receipts or acknowledgments are not at once signed and the Unjel peons are subjected to detention, the letters &c. shall be taken back to the Unjel office for the next delivery.

33. Whatever postage is marked on a letter or other article, must be paid at once on delivery, after which, any complaint of overcharge may be made and will be duly attended to.

34. In all complaints of overcharge or unnecessary delay in delivering letters &c., the covers or envelopes bearing the Unjel Stamps must be presented for inspection.

35. Complaints against the Unjel office, certified as such under the full signature of the sender and addressed to the Unjel Superintendent, are not chargeable with postage.

36. Since Unjel peons cannot deviate on any account from their regular course of delivery in their respective beats, persons residing far away from the Unjel offices if desirous of obtaining their letters &c. immediately on arrival of the mail, must send their own authorized messengers to the Unjel office to whom all covers, except those for which receipts are required will be delivered.

37. Unclaimed letters &c. will be detained at the office of destination for 3 weeks, of which fact due notice will be given by the Unjel Master at every station, and after that period, they will be returned to the office of despatch for delivery to the sender.

38. Refused letters &c. will be immediately returned to the office of despatch for delivery to the senders, who will be required to pay any postage which may be due thereon.

39. It is forbidden to send by Unjel explosive, dangerous or offensive substances or material such as gun-powder, matches, percussion caps, saltpetre, indigo, glass, liquids, &c. or any article which either in itself (however packed) or by reason of insecure packing may be liable to injure the contents of the mail bags or the person of the Unjel officers.

40. No address is complete which does not contain the Unjel station from which delivery is intended and care should always be taken to write the name of the Unjel station as clearly as possible.

41. Persons changing their place of residence are particularly required to leave written instructions at the Unjel office of their previous residence and to send written instructions to the Unjel office of the place to which they may be going.

42. The Unjel Master at any station or the person in charge of the Unjel office has power to refuse letters or other articles bearing the appearance of having been opened and resealed or otherwise improperly dealt with unless the writer or sender thereof shall attest with his full signature that they were sent in that state. The refusal will be absolute in the case of registered letters and parcels.

43. Persons not belonging to the department shall not be admitted into the interior, nor permitted to examine the records, of any Unjel office without the special permission of the Dewan, to whom or to the Unjel Superintendent application for information or redress must be made either in person or in writing by the party requiring the same.

V. RAMIENGAR,

Dewan.

Huzur Cutcherry, }
Trevandrum, }
15th April 1882. }

SCHEDULE No. 1.

Revised rates of Postage on Letters, &c. sent through the Sicular Unjel.

RATES OF POSTAGE ON LETTERS.		RATES OF POSTAGE ON NEWSPAPERS.		RATES OF POSTAGE ON BOOK PACKETS.		RATES OF POSTAGE ON PATTEREN PACKETS.		RATES OF POSTAGE ON BANGHY PARCELS.						
Not exceeding in weight.	Postage.	Not exceeding in weight.	Postage.	Not exceeding in weight.	Postage.	Not exceeding in weight.	Postage.	Not exceeding in weight.	For distance.					
									Not exceeding 30 miles.	Not exceeding 100 miles.	Exceeding 100 miles.			
	Fs. Chs.		Fs. Chs.		Fs. Chs.		Fs. Chs.		Fs. Chs.	Fs. Chs.	Fs. Chs.	Fs. Chs.	Fs. Chs.	Fs. Chs.
1 Tola ...	1	10 Tolas ...	1	10 Tolas ...	1	10 Tolas ...	1	20 Tolas ...	1	2	1	2	1	2
1 do. ...	2	20 do. ...	2	20 do. ...	2	20 do. ...	2	50 do. ...	2	1	2	2	2	2
2 do. ...	1	30 do. ...	3	30 do. ...	3	30 do. ...	3	100 do. ...	1	2	2	4	4	4
3 do. ...	2	40 do. ...	1	40 do. ...	1	40 do. ...	1	200 do. ...	2	4	4	8	8	8
For every additional Tola ...	2	For every additional 10 Tolas ...	1	For every additional 10 Tolas ...	1	No pattern packets shall exceed 40 Tolas ...	1	300 do. ...	3	6	6	12	12	12
				Book packets exceeding 200 Tolas will be charged at the parcel rates...				400 do. ...	4	8	8	16	16	16
								500 do. ...	5	10	10	20	20	20
								600 do. ...	6	12	12	24	24	24
								Parcels exceeding 600 Tolas will not be received at Unjel Offices.						

SCHEDULE No. 2.

Rates for Registration &c.

Registration fee.	Chackrams.
* Letter, Book or Pattern packet	3
Acknowledgment of receipt from the addressee.	
For each Registered Letter, Book or Pattern packet ...	2
For each Parcel	2

LIST OF UNJEL OFFICES IN TRAVANCORE.

Name of Office.	District in which situated.	Name of Office.	District in which situated.
Thovalay	Thovalay	Shencottah	Shencottah
Poothapandy		Samburadakkur	
Assambo		Pooliary	
Soccindram	Agasthiwaram	Coonathoor	Coonathoor
Mahadanapuram		Adoor	
Cottar		Chavara	
Nagercoil	Cullulam	Padansyerculangeray	Karnagapally
Vadasery		Kristanapuram	
Pulpanabhapuram		Arepad	
Theroovattar	Eraneal	Kayencoolum	Kattigapally
Eraneal		Mavelicaray	
Colachel		Pulickal	
Karingal	Velavancode	Chenganoor	Chenganoor
Coonthooray		Pathanamthattay	
Puthukadal		Komiyoor	
Putanam	Neyyattungaray	Tiroovalla	Tiroovalla
Parachalay		Aramoola	
Neyyattungaray		Ambalapalay	
Poorar	Trevandrum	Poolincoono	Ambalapalay
Nemam		Alleppey	
Trevandrum		Alleppey Paravagay	
Kazamanay	Nedoovangad	Shertalay	Shertalay
Poothunchanthay		Kalavoor	
Pattam		Araacooty	
Calacottam	Shetnyingee	Vycome	Vycome
Nedoovangad		Theekkenparavoor	
Arenad		Paravoor	
Ponnoodi	Shetnyingee	Verapalay	Paravoor
Pachi		Yettoomanoor	
Vamanapuram		Cottayam	
Shetnyingee	Quilon	Kedangoor	Cottayam
Attungal		Changanachery	
Warkalay		Kanjerapally	
Nadasara	Kottarakkay	Peermade	Changanachery
Quilon		Pala	
Paroor		Thodovalay	
Quilon Peravagay	Kottarakkay	Moovattoopulay	Thodovalay
Kottarakkay		Challickavattam	
Madathoorakany		Parambavoor	
Pathanapuram	Patthanapuram	Alwaye	Koonathoonad
Kolathoorpulay		Tiroovloor	
Valookemparai			
Poonaloor			Allangad

TRANSIT AGENCIES.

I. The Sircar Transit is a Temporary Establishment, and is laid between Trevandrum and Shoranoor, a distance of 195 miles.

II. It thus connects the Capital with the Madras Railway.

III. It is mainly intended for the convenience of the public.

IV. The distance of 41 miles from Shoranoor to Karuvapadantha is done by bullock carts with posted bullocks. The rest of the journey is all by canoes.

V. The Comptrolling Officer is the Superintendent of the Native Post (Unjel.)

VI. Rules concerning the public are as follows :—

“PASSENGERS.”

1. No passenger is allowed to take his seat in any boat or carriage * Table I. used for the Transit, without having paid his fare.*

2. On payment of the fare, Tickets are issued to passengers, who are required to show them to the Transit servants when demanded, and to deliver up to them before leaving the Transit.

3. Passengers not producing or delivering up their Tickets will be charged the fare from the place whence the Transit originally started.

4. Tickets are available only on the day of issue, except on special occasions.

5. The Tickets cannot be transferred.

6. Tickets having been issued the fare will not be refunded on any account.

7. Every person attempting to defraud the Government by endeavouring to evade the payment of his fare will be committed to the Magistracy.

8. No smoking is allowed in the boat, carriage or station.

9. Any passenger found intoxicated, committing a nuisance, or willfully interfering with the comfort of other passengers will be liable to removal from the premises and to forfeiture of his fare.

10. Passengers should not carry dangerous goods in the Transit.

11. Any person found with dangerous goods in his possession will be removed from the premises and will forfeit his fare, in addition to his being responsible for any loss or damage caused by such goods.

12. More than ten passengers are not booked in a single boat or more than eight in a carriage.

13. Any person can carry a child under 3 years of age without paying a separate fare ; for every additional child, he shall pay $\frac{1}{2}$ of the fare and get a separate Ticket.

14. Children above 3 and not exceeding 10 years of age are conveyed at half fares.

15. No pass will be given to lunatics, or persons suffering from contagious or loathsome diseases, or persons in a dying condition. If it is found that Tickets have been obtained for such persons by misrepresentation, such Tickets will be forfeited and the holders not allowed to enter the Transit.

16. On payment of the fare charged for 10 persons,* a single passenger or group of passengers, not consisting of more than 10 individuals, can engage the Transit for the whole or any portion of the line. Seats for the guard and the pay-distributing officer will, however, be reserved.

17. In such cases, previous notice should be given to the respective Transit-Masters as under,

At Trevandrum, before 9 A. M.
At Shoranoor, do. do.

† Table IV. At intermediate stations, 4 hours previous to the arrival of the Transit. †

18. Any passenger can carry his baggage, not weighing more than 300 Tolas, "free"; all baggage weighing more than 300 Tolas will be charged for the excess at the rate mentioned in Table II.

19. Passengers may carry with them a pet cat or a pet dog, free of charge. But no monkeys or troublesome cats or dogs, or snakes, will be allowed to be carried in the Transit on any account.

20. Passengers shall not carry dutiable goods in the Transit, and shall declare to the respective Transit-Masters that they carry no dutiable goods.

21. Any passenger found with dutiable goods in his possession, will be committed to the Magistracy. The goods will be sold by public auction, and the proceeds appropriated to the Government.

22. To insure being booked, passengers should be at the respective stations 30 minutes before the departure of the Transit. ‡

PARCELS.

23. Big and heavy parcels as well as small ones will be received* and booked at all stations, provided the space required for them in the boat is available. A whole boat, however, cannot be loaded with parcels. It is compulsory, that the place of destination of parcels should be one where there is a Transit station.

24. Charges for parcels,† can be paid, either at the booking station or the station where they are to be delivered.

25. Duplicate Receipt Notes will be given for all parcels, which notes the consignors are required to forward with advice to consignees.

These receipts should be given up duly signed by the consignees or other agents, at the delivery station before the parcels are delivered to them.

26. Parcels, charges of which are due, will be delivered over to the owners, only on payment of all dues.

‡ Table III. 27. The Government undertake to deliver the parcels only at the stations.‡

28. On payment of charges for carrying, parcels will be caused to be delivered at the place, where the owners desire, when practicable.

29. Parcels containing perishable articles, will only be carried at "owner's risk" and must be prepaid.

30. The Government will not be answerable for any loss, damage or delay of parcels, caused by accidents.

31. Losses, damages or delays of parcels, found to be occasioned by negligence or want of due attention on the part of any Transit servants, will be duly enquired into and compensated, as far as may be practicable, at the cost of such servants and not otherwise.

32. Address of parcels should invariably be in the Vernacular of this country, and should be written in distinct characters.

33. The address should also contain a statement, showing the general character of the contents.

34. To ensure safe delivery, parcels should be carefully made up in wax cloth, leather, or such other water-proof materials and should be sealed.

35. Dutiable parcels will not be accepted for transmission; and it must be distinctly stated in the address, that the parcels contain no dutiable goods.

36. Transit-Masters are empowered to examine, in the presence of the owner or his agent, any package which they reasonably suspect to contain goods in contravention of the rules.

37. Contraband goods, found in any package will be confiscated by the Sircar, and the party concerned will be sent to the Magistracy.

38. Dangerous parcels will not be received for booking.

39. Jewellery, precious stones, silver and gold coins, &c. cannot be conveyed by the Transit.

40. Consignees are required to take charge of their parcels within 5 days after their arrival at the station; if they are not so taken charge of, the respective Transit-Masters will issue a notice to the owners, in which will be mentioned among other particulars, the date within which the owners are required to take charge of them and the procedure that will be adopted for disposing of the parcels, on the owner's failing to accept them within the notified date.

VII. Rates of charge and the time for despatching the Transit, from different stations, are liable to be modified or altered at any time.

VIII. All instances of inactivity, want of due attention, or any other irregularity on the part of the Transit servants, may be reported to the Head office in the first instance.

IX. Further particulars can be obtained from the Head office at the Huzur Cutcherry.

TABLE I.
RATES FOR PASSENGERS.

Distance.	Rates from Trevandrum.				Rates from station to station.				Remarks.
	To			From Alleppey to Cottayam, the distance is 12 miles; passage fare, Fannam 1. (Branch Transit.)	Distance from one place to another.	Fare per passenger			
		Fannam.	Chackrams.			Fannam.	Chicks.		
Miles.					Miles.				
28	Nadayara ...	2	1	Trevandrum ...	...	...	...	Thus the total distance of the line is 195 miles, and the fare per passenger for the whole line is Rupees 2.	
40	Quilon ...	3	...	Nadayara ...	28	2	1		
81	Ambalapulay ...	3	...	Quilon ...	12	...	3		
90	Alleppey ...	3	...	Ambalapulay ...	41	3	...		
114	Vycome ...	7	...	Alleppey ...	9	...	2		
129	Cochin ...	9	...	Vycome ...	24	1	1		
154	Caroochoopadantha ...	10	...	Cochin ...	15	1	3		
175	Trichoor ...	12	1	Caroochoopadantha ...	25	1	...		
195	Shoranoor ...	14	...	Trichoor ...	21	1	3		
				Shoranoor ...	20	1	3		

From Alleppey to Coittayam, the distance is 12 miles; passage fare, Fanam 1.
(Branch Transit.)

TABLE II.
RATES OF PARCELS.

Distance.	1 to 200 Tolas.		201 to 500 Tolas.		501 to 1,000 Tolas.		1,001 to 3,000 Tolas.		3,001 to 6,000 Tolas.		6,001 to 9,000 Tolas.		9,001 to 12,000 Tolas.	
	Fns.	ch.	Fns.	ch.	Fns.	ch.	Fns.	ch.	Fns.	ch.	Fns.	ch.	Fns.	ch.
1 to 50 miles	...	2	1	...	2	...	4	...	6	...	8	...	10	...
51 „ 100 „	1	..	2	...	4	...	8	...	12	...	16	...	20	...
101 „ 150 „	1	2	3	...	6	...	12	...	18	...	24	...	30	...
151 „ 200 „	2	...	4	...	8	...	16	...	24	...	32	...	40	...

* Above 12,000 up to every additional 3,000 Tolas the Rate is half of what is due for Parcels weighing from 1,001 to 3,000 Tolas.

TABLE III.

THE TIME WHEN PARCELS CAN BE RECEIVED FOR BOOKING OR CAN BE DELIVERED TO OWNERS AT THE DIFFERENT STATIONS.

Stations.	Hours.
Trevandrum	... 6 A. M. to 11 A. M. and 3 P. M. to 7-30 P. M.
Nadayara	... 6 „ „ 8 „ „ any hour in the night.
Quilon	... 6 „ „ Noon „ 2 P. M. to 6 P. M.
Alleppey	... 6 „ „ 11 „ „ 2 „ „ 10 „
Cottayam	... 6 „ „ 10 „ „ 3 „ „ 10 „
Cochin	... 6 „ „ 10 „ „ 1 „ „ 8 „
Carooreopadantha	... 6 „ „ Noon „ 3 „ „ 8 „
Trichoor	... 6 „ „ 10 „ „ 3 „ „ 10 „
Shoranoor	... 6 „ „ 9 „ „ Noon „ 4 „

TABLE IV.

SHOWS THE TIME WHEN DIFFERENT TRANSITS DEPART FROM OR ARRIVE AT THE STATIONS.
(THE GOVERNMENT DO NOT GUARANTEE THESE TIMES BEING KEPT TO.)

Miles.	Stations.	* (A)						† (B)						If by any accident (A) or (B) fails to reach the Stations marked (a) before the time appointed for departure, the Transit thence will be nevertheless despatched at the appointed time.	No time for meals, &c., will be allowed for Passengers at Stations marked (b.)	Branch Transit 12 Miles.	A. M.		P. M.		11-0 ... 11-0 ...
		Depart- ture.			Arrival.			Depart- ture.			Arrival.						A. M.	P. M.			
		A. M.	P. M.		A. M.	P. M.		A. M.	P. M.		A. M.	P. M.							A. M.	P. M.	
Trevandrum		...	8-0	...	...	...	...	8-0	...	...	...	10-0	...	...	...	...	...	...	...		
20 Nadayara	(a)	4-10	...	4-0	...	...	...	10-10	...	10-0	...	...	...	...	...	...	...	...	...		
12 Quilon	(a)	...	3-0	10-0	...	...	...	6-0	10-0	...	...	...	...	...	...	...	...	...	...		
41 Ambalapalay	(b)	6-10	...	6-0	...	...	...	6-10	...	6-0	...	...	...	...	...	...	...	...	...		
9 Alleppey	(a)	...	6-0	10-0	...	...	...	3-0	...	2-0	...	...	...	...	...	...	...	...	...		
24 Vycome	(b)	3-10	...	3-0	...	...	...	...	3-0	...	...	...	...	...	...	...	...	...	...		
15 Cochin	(a)	...	8-0	...	2-0	...	...	8-0	6-0	...	...	...	...	...	...	...	...	...	...		
25 Caroooopadantha	(b)	...	...	6-0	...	...	...	8-0	6-0	...	...	...	...	...	...	...	...	...	...		
21 Tricheor	(a)	noon	...	8-0	...	6-0	...	10-0	...	8-0	...	...	...	...	...	...	...	...	...		
20 Shoranoor		...	...	3-0	...	...	...	2-0	...	...	...	...	...	...	...	...	...	...	...		

* (A) Stands for the Transit from Trevandrum to Shoranoor.

† (B) Stands for the Transit from Shoranoor to Trevandrum.

STATEMENT SHOWING THE DIFFERENT RATES CHARGED BY THE CARNATIC CARRYING COMPANY, TINNEVELLY.

Description.	From Tinnevelly to Trevandrum and <i>vice versa</i> .						From Oliganacharry to Tinnevelly and Trevandrum and <i>vice versa</i> .						Remarks.
	Usual.			Special.			Usual.			Special.			
	Rs.	As.	P.	Rs.	As.	P.	Rs.	As.	P.	Rs.	As.	P.	
To Europeans for a whole Transit ...	20	4	...	25	4	...	10	4	...	12	8	...	These are not invariable. Owing to the competition of other companies, the charges are sometimes reduced.
To Natives for a whole Transit ...	15	4	...	20	4	...	7	10	...	10	4	...	
Do. Do. for a single passenger ...	2	...	...	2	8	...	1	...	...	1	4	...	
Parcels or goods for every 25 lbs. or 1 Maund. } Showing	...	8	...	...	...	...	...	6	...	...	...	...	At the rate of five Pies per mile.
For a single passenger to mid-stations from Tinnevelly and Trevandrum ...	...	...	...	...	...	...	...	...	...	...	...	...	

**TABLE SHOWING THE RATE CHARGEABLE ON THE TREVANDRUM AND THENCAUSY LINES
BY THE PUNKAH CARRYING COMPANY.**

Particulars.	From Tinnevely to Trevandrum and <i>vice versa</i> .				From Tinnevely and from Trevandrum to Oliganacharry.				From Oliganacharry to Tinnevely and Trevandrum.	From Tinnevely to Thencauz & <i>vice versa</i> .				Remarks.	
	Ordinary.		Extra.		Ordinary.		Extra.			Ordinary.		Extra.			
	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.		Rs.	A. P.	Rs.	A. P.		
Whole first Class Bandy for Europeans	20	4 0	25	4 0	10	4 0	12	8 0	12	8 0	7	2 0	9	8 0	
Whole second Class Bandy for Europeans	15	2 0	20	4 0	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0	
Whole first Class Bandy for Natives	15	4 0	20	4 0	7	10 0	10	4 0	7	10 0	4	2 0	6	2 0	
Passengers each	2	0 0	2	8 0	1	0 0	1	4 0	1	0 0	0	8 0	0	0 0	
For Parcels of 25 lbs. equal to 1 Maund	0	8 0	0	0 0	0	6 0	0	0 0	0	6 0	0	4 0	0	0 0	
At 5 pies each Passenger per mile for the intermediate stations between Oliganacharry and Tinnevely.															
At 6	Do.		Do.		Do.		Do.		Do.		Do.		Do.		and Trevandrum.

STATEMENT OF CHARGES MADE BY M. R. & Co., FROM TREVANDRUM TO TINNEVELLY.

Particulars.	From Tinnevelly to Trevandrum and from Trevandrum to Tinnevelly.						From Tinnevelly and Trevandrum to Oliganacharry.						From Oliganacharry to Trevandrum and Tinnevelly.	Remarks.		
	Usual Bandy.			Extra Bandy.			Usual Bandy.			Extra Bandy.						
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
1st Class Bandy for Europeans ...	20	4	0	25	4	0	10	4	0	12	8	0	12	8	0	
2nd Do. Do. Do. ...	15	4	0	20	4	0	0	0	0	0	0	0	0	0	0	
1st Do. Do. Natives ...	15	4	0	20	4	0	7	10	0	10	4	0	7	10	0	
For each Native passenger ...	2	0	0	2	8	0	1	0	0	1	4	0	1	0	0	
Parcels for every 25 lbs. or 1 Md. ...	0	8	0	0	0	0	0	6	0	0	0	0	0	6	0	
For the intermediate stations from Oliganacharry to Trevandrum														At 6 Pies per mile.		
For the intermediate stations from Oliganacharry to Tinnevelly														At 5 Pies per mile.		

DIRECTIONS FOR VESSELS ARRIVING AT ALLEPPEY.

1. The Commanders of ships are requested on the arrival of their vessels to deliver into the Master Attendant's office a true and complete manifest of all the goods and merchandise laden on board of their vessels. A form of the manifest required will be furnished for their guidance on application. Previous to any ship or vessel having any transaction with the shore, the Pass, Register and every other credential concerning their ship or vessel, must be delivered into the Master Attendant's office. If the ship or vessel be in ballast, it is to be reported accordingly.

2. Goods landed, or attempted to be landed before the ship is regularly entered, or which have not been entered in the manifest shall be charged double duty. The same is applicable to goods exported under similar circumstances.

3. Applications for Port Clearances should be made between 10 o'clock A. M. and 1 P. M. the day previous to sailing, to enable them to be granted by 4 o'clock, after which hour a fee of 5 Rs. will have to be paid to the writer of such port clearances on every occasion in accordance with para 35 of the Customs Rules. Applicants for Port Clearances should furnish the Custom House with an export manifest of all cargo shipped on board their vessels from this port, specifying the names of the vessels and Commanders, sorts of goods, marks and numbers, quantity or weight, shipper's and consignee's names and the names of the port or ports bound to.

4. Port clearances will not be granted to vessels until all demands on account of boat hire, &c. had been adjusted.

5. No shore boats are permitted to put off to the shipping after sun-set unless in case of emergency, and by special permission of the Master Attendant.

6. Commanders of ships are strictly prohibited from throwing any ballast overboard in the roads. Boats for the purpose of landing the same will be supplied on application.

J. ROHDE.

Master Attendant Alleppey.

DIRECTIONS FOR SHIPS BOUND FROM THE SOUTHWARD, THE BAY OF BENGAL, OR COROMANDEL COAST TO ALLEPPEY IN THE S. W. MONSOON.

Ships bound to Alleppey, from any of the above mentioned places in the S. W. Monsoon, should follow the directions given by Horsburgh, for, "Ships bound from the Bay of Bengal, to Bombay, or other places to the westward, during the S. W. Monsoon."

Having crossed the Equator well to the westward of the Maladive Islands (68°E) a ship should steer North until in the Latitude of 9° 30'. She should then run due East for Alleppey, making an allowance for a 3 knot southerly current after passing the parallel of Kalpenny Island.

Alleppey Flagstaff is in Latitude 9° 29' 48" N. and Longitude 76° 18' 45" E. by Lieut. Selly of the Indian Navy measured from

Bombay—The Trigonometrical survey places it in Longitude $76^{\circ} 23' E$. The anchorage in the roads during the S. W. Monsoon is with the Light House from N. E. to E. N. E. in five or 6 fathoms water. In the fair season from October to May, vessels may anchor in 3 or 4 fathoms with the Light house bearing E.—the soundings are very regular.

A mud bank has formed, and vessels have anchored off the port in 4 fathoms of water and loaded and discharged during the last South-West Monsoon in perfect safety.

Ships from Colombo or Tuticorin bound for Alleppey in the S. W. Monsoon should, on leaving Colombo roads, be in good sailing trim, and have good sails bent and be prepared to encounter bad weather.

From Colombo roads, a W. N. Westerly course should be steered close hauled for the Coast of Tinnevely. Should the wind have sufficient southing in it, advantage should be taken of it to round Cape Comorin well to the southward. After rounding which, it often happens that a ship will carry the southerly wind all the way up the coast, at all events, a ship which sails moderately well by the wind, after having rounded Cape Comorin will always be able to make the passage to Alleppey or Cochin in 8 or 10 days, there being often a favourable current along the coast to the northward with very often a slant of wind from the south, and a ship having good sails bent and taking every advantage of the shifts of wind will be able to make a much better passage and with less wear and tear than by the Southern route.

A large ship coming from the northward ought not to come under 7 fathoms if drawing much water, until the Flagstaff or Light House bears to the Eastward of S. E. as there are some shoal patches with only 4 fathoms on, in shore of these soundings. In like manner, vessels coming from the southward should attend carefully to the lead when in with the land, and not come under 13 fathoms off Quilon, which is the depth close to this dangerous reef; to the northward of Quilon reef, the coast may be approached to 7 fathoms.

Alleppey may be known from the offing by its Light House erected close to the Flagstaff, the light from which was first exhibited on the night of the 28th March 1862. The light is of the heliophotal description, and is kept burning every night, from the departure of daylight to the return of the same in the morning. It is revolving, producing a bright flash once in every minute and is visible in ordinary weather 20 miles.

Ships may procure water from a well at the beach, and good vegetables and fruits can also be obtained generally in abundance. Fish is plentiful, and of the best description and variety, and other supplies equally abundant.

In the N. E. Monsoon or fair season from November to April the weather is favourable for proceeding to or from Colombo. The N. E. Monsoon sets in about the end of October or beginning of November, generally with thunder, lightning and heavy rain from the land for a few evenings—by the end of November the weather is fine, with regular land and sea breezes all along the Malabar Coast. The land wind off Quilon blows with considerable force usually setting in about 10 p. m. continuing during the night and up to 10 or 11 A. M. when it dies away, and is followed by the sea breeze, from W. to N. W. veering to north until the evening.

KUNNYACOOMAREE OF CAPE COMORIN by the great Trigonometrical Survey is in Lat. $8^{\circ} 4' N.$ Long. $77^{\circ} 36' 45'' E.$ Lieuts. Hethersay, Powell and Selly, late Indian Navy and Mr. Franklin R. N., place it 4 miles further westward viz: $77^{\circ} 32' 30'' E.$ It is high water at the Cape on full and change 0 30 P. M. The Cape is low. to the S. E. of the point and within a mile of it, is a high rock with two others adjoining on which the sea breaks. Near the point to the westward is a pagoda and a little to the westward of it is the Residency Bungalow. About 4 miles N. W. $\frac{1}{2}$ N. from the Cape stands a high Conical Hill, which is the first land seen in coming from the southward, and is the most southern of the Ghant Mountains. The Coast is safe to approach to 10 fathoms. There is generally a high surf breaking along the beach but in coasting along, it is better not to come under 22 fathoms which is the depth about 5 miles off shore particularly during the night and when in the vicinity of the Crocodile Rock.

West a little northerly from Cape Comorin distance 16 miles, lies the Crocodile Rock upon which the sea does not always break being covered at high water—it has 16 and 17 fathoms close to.

CUDDESPUTNUM POINT bears from the Rock N. E. $\frac{1}{2}$ N. distance 2 $\frac{1}{2}$ miles. Adunda Islet on the same bearing, distance $1\frac{1}{2}$ miles and Kotah Islet N. by W. $\frac{1}{2}$ W. a little over $1\frac{1}{2}$ miles. There is a safe passage between the Crocodile Rock and these Islets, by keeping rather closer to the Crocodile. There is also a passage between these Islets and Cuddeputnum Point, but a good look-out should be kept from the masthead in passing through either, as the Crocodile and the dangers in the inner passage cannot be seen from the deck at high water. The Crocodile is in Lat. $8^{\circ} 5' 30'' N.$ Long. $77^{\circ} 18' 20'' E.$ Cuddeputnum Point is steep and like the neighbouring shore has a red appearance. A light is now exhibited from the point on a square built masonry tower.

COLACHEL or COLACHEL Toray five miles N. W. from Cuddeputnum Point is the rising Port of Colachel; there is a Church and a Flagstaff on the beach, Lat. $8^{\circ} 19' 45'' N.$ Long. $77^{\circ} 13' 30'' E.$ The anchorage in the roads is in from 8 to $8\frac{1}{2}$ fathoms. Four small Islets near the beach afford shelter to the cargo boats shipping Coffee or other produce, a ship therefore calling here to load, should anchor to leeward, so as to give the boats the greatest facility for reaching the ship with their cargo dry. A red Buoy marks a rock on which one of the steamers swung shortly after coming to an anchor, to load coffee in 1873, but it is inside the foul ground line as laid down in Capt. Selby's chart of this coast and it is the latest survey 1850 and 51. It is possible that steamers could find a safe anchorage inside of the rocks above water off this port. This could be easily ascertained by having the ground carefully swept in order to ascertain whether there is foul ground inside of them, and in the passage north of them, also if a safe entrance is to be found to the southward of them. If the examination is favourable and there is sufficient room for a steamer to swing round when inside, the advantage to Government and all concerned will be complete. The gap between the two rocks could at little cost be filled up with Boston if necessary. If there should not be room to swing, the ground being otherwise free of rocks, it would only be a question of moorings head and stern. Ships' boats should never attempt to land on any part of the coast from Cape Comorin up to Quilon as there is at all times a heavy surf on the beach.

TENGAPUTNUM—About 5 miles N. W. by W. from Colachel is the town of Tengaputnum Lat. $8^{\circ} 13' 30''$ Long. $77^{\circ} 10' E$. Off the mouth of the river (south of it) is the Island of Innevelpanpar or Eniam having a church and other buildings on it—there are 5 other Islands with rocks above and under water near to it. The river is navigable for boats in the rainy season from June to October for some distance inland. A considerable trade, principally in saltfish, is carried on from this place and other villages along the coast with Ceylon.

Covatum or Ruitra Point in the charts, is higher than the adjoining low land, from which it runs up terminating in a high Bluff. There is a small Bungalow on the top of it which may be seen in passing. The Coast between Tengaputnum and this is bold to approach having 18 to 20 fathoms 2 miles off shore.

TREVANDRUM or THEROOVANANTHAPPOORUM. The seat of the Government and Capital of the Kingdom of Travancore is about $2\frac{1}{2}$ miles east from Shungoomoocum on the sea beach. The Fort cannot be seen from the sea, but a Flagstaff* stands about the centre of it opposite the palace, another further to N. E. is at the British Residency; on a Hill to the north of the Fort stands the Observatory and can be distinctly made out in passing by its three Domes. Very few public Observatories in Europe have been so well found in Instruments and all by the most celebrated makers. It is in Lat. $8^{\circ} 30' 35'' N$. and Long. $77^{\circ} E$. The country around is extremely beautiful and variegated. East from Trevandrum about 7 miles is a remarkable round Conical Hill called Nannun, or Brinjal Hill in the charts, and forms a good mark for this part of the coast being easily distinguished from the other Hills laying like it, between the Ghauts and the coast. The Ghauts here are very high rising over 6,000 feet.

ANJENGO or UNCHES TYNKEL. The Fort is Lat $8^{\circ} 39' 40'' N$. and Long. $76^{\circ} 45' 15'' E$ —once a place of considerable importance and the earliest settlement of the late Hon'ble East India Company on the Malabar Coast. Orme the Historian was born here, and here resided Elizabeth Draper to whom Sterne addressed his letter to Eliza. The first British Resident to the Court of Travancore, John Toller, died and was buried here in 1777. The Fort was deserted some time prior to the commencement of the present century, the lower mast of the old Flagstaff still stands on the North Western angle of the Fort. The town is to the North of it, and a large Roman Catholic Church with some ancient monuments principally Dutch; but the place has a forsaken appearance. It is not easily distinguished from the offing, being hid by coconut trees. There is generally a heavy surf rolling in on the shore, and the place offers no inducement for a ship to anchor, fresh water not being procurable, and the anchorage inside of 10 fathoms foul and rocky.

WURKULLA. Immediately to the North of the Anjengo River rises the Wurunkulla Cliff to about 200 feet, extending along the coast to the northward 6 miles. From thence an inland navigable water communication extends by means of canals, the large estuaries at Quilon, Alleppey and Cochin, up to Chowghat a distance of over 130 miles, and at a trifling cost could be made so to the Madras Railway Station at Tiroor 18 miles distant; as during the S. W. Monsoon cargo boats go to that point on the Madras Railway. The Wurunkulla Cliffs are now tunnelled through, and connect this water communication with Trevandrum from whence there is a canal to Wurunkulla, being for

* Since destroyed by lightning.

the most part a natural Backwater and separated from the sea by a sand bank varying from a few yards to 5 miles in breadth, and upon which all the Sea Port Towns of the coast are situated. The estuaries too, carry considerable depths throughout and in many parts reach far inland, into which all the watershed of the country is received the rivers being more or less navigable for considerable distances inland. Travancore has thus rare natural facilities to the development of her wealth and commerce which few other countries possess, and no system of Railways could attain to.

QUILON. The Flagstaff in Latitude $8^{\circ} 53' 30''$ N. Long. $76^{\circ} 36'$ E. by Lieut. Taylor I. N., a place of considerable importance in the time of the Portuguese and Dutch, and also during the Honorable East India Company's Government of India. A considerable Military force was kept up here until 1834, when the station was reduced to one Regiment. It exported a considerable quantity of cloth and indigo, but this branch of industry, and the general trade of the place has much fallen off. The point near the Flagstaff runs out a little in the sea, and is higher than the coast north and south of it. S. E. of the point, two Buoys, one red and the other black with Staves and Baskets are placed during the fine weather viz; 15th October to 15th May to show the safe channel between the Reefs. Vessels should keep well out until Factory Chimney bears N. E. then head for same between the Buoys and anchor in $4\frac{1}{2}$ to 5 fathoms when Tangacheri outer point bears W. N. W. When the Buoys are lifted, vessels should anchor with Flagstaff N. to W. by E. in 8 to 10 fathoms. A small flagstaff 75 feet in height, has been erected close to the Factory Chimney for signalling to vessels in port, the old flagstaff at Tangacheri being too distant for quick communication.

Great caution is necessary in approaching this part of the coast, as an extensive reef and detached rocks stretch from the south of the point 3 miles to seaward and 7 miles north to Iveler or Ibic River. A ship therefore in passing or working along the coast should keep the lead going, and not come under 12 fathoms, as that is the depth close to this dangerous reef. With a fair wind and not bound to any part of the coast, 22 to 23 fathoms would be prudent sounding to preserve from Cape Comorin to the North of the Quilon reef, as these soundings will carry a ship well clear of the Crocodile Rock. A light house is erected on Cadea Patnun Point to mark the vicinity of the Crocodile danger, but "the Lead, Latitude and Look out" should never be relaxed, particularly in the vicinity of dangers and when standing in for the land.

The ship "Lady Hodgkinson" from England bound to Bombay with Troops, and a valuable cargo, on the forenoon of the 22nd of December 1858 (the finest month in the year) while standing along shore to the northward to the land wind and smooth water, ran on the inside of the Quilon reef and became a total wreck. It was said a leadsmen was in the chains, if so, the lead must have been over-hove, as the ship was not more than 300 yards from the shore and for sometime in little more than her own draft of water.

The coast from Ivika River north to Alleppey is fringed with coconut trees and is safe to approach to 7 and 8 fathoms 3 or 4 miles off shore.

PERCAUT. Percaut and in the old charts Perca is in Lat. $9^{\circ} 21' 35''$ N. Long. $76^{\circ} 23'$ E;—was a place of considerable importance in

the time of the Portuguese and afterwards of the Dutch. The factory was washed away by the sea in 1742, a canal running with a few yards of the beach connects the place with the Backwater. The smooth water has now shifted to Tortapully and a new mud bank has formed off Alleppey.

CHETTIKAUD, a village $3\frac{1}{2}$ miles north from Alleppey Lat. $9^{\circ} 32' 33''$ North Long. $76^{\circ} 23' 10''$ East, is at the Northern limit of an extent of smooth water which has been observed forming for several Monsoons, presenting the same general features as that now at Porcaud; To the southward of the village, the sea breaks in 5 to 6 fathoms in shore of which it is calm with a soft bottom. From a remote period, Alleppey has been known to Navigators as a natural harbour of refuge, and the following account of it is extracted from Penkerton's East Indies. "Capt. Cope says 'Mud Bay is a place that I believe few can 'parallel in the world. It lies on the shore of St. Andrea about half a league out in the sea, and is open to the wide ocean and has neither 'Island nor Bank to break off the force of the billows, which come 'rolling with great violence in all other parts of the coast, in the South 'West Monsoon, but on the Bank of Mud, lose themselves in a moment, and ships lie on it as secure as in the best harbour without motion or disturbance.'"

In coming to an anchor the officer in charge should see that the anchor is clear and the chain stopped up clear of the stock, and to let go only after the ship has gathered good stern way. If the ship has put in in distress, or is to remain any time, the whole cable should be given.

Severe gales of wind are liable to happen on the coast in April, May and June, also in October and November; a careful attention to the Barometer, particularly if the maximum and minimum pressure be daily registered, will always give sufficient warning of the approach of these storms, to enable ships on the coast or in Cochin roads to seek shelter at Narakal or on the Mud Bank off Alleppey. The S. W. Monsoon sets in at Alleppey generally in the beginning of June from N. W. and blows with great violence attended with thunder and lightning and rain. For some years back the Monsoons have not been so regular.

The maximum height of the Barometer at Alleppey occurs at 9-40 a. m. and p. m. and the minimum at $\frac{1}{2}$ a. m. and 4-40 p. m.

The general direction of the Wind during the S. W. Monsoon at Alleppey is from W. N. W. to N. W.

JOHN RODE,
Master Attendant Alleppey.

RULES

For the better Regulation of Boat service at the Ports of Colachel and Quilon sanctioned by His Highness the Maha Rajah under date
the 7th Kartigay 1085.
21st November 1875.

1. An Officer to be styled "Boat Master" shall have control over all Boats and Crews plying in the Port.
2. For the purposes of carrying out these Rules and for those purposes only, the Boat Master shall exercise the powers of a Sub-Magistrate.

3. Where breaches of these Rules require a higher punishment than is awardable by a Sub-Magistrate, such cases shall be referred to the Magistrate for disposal.

4. From and after the 20th Kartigay 1054
4th December 1878 no boat shall be permitted to carry goods for passengers from or to any ship or vessel at the Port, unless such boat has been registered and numbered, and the owner has taken out a license in the manner hereinafter mentioned.

5. If any person who has not registered and numbered his boat, or taken out a license shall use a boat for the aforesaid purpose, such person shall on conviction, be liable to a fine not exceeding 50 Rs. or in default of payment to imprisonment not exceeding 90 days.

6. Whenever the owner of any boat wishes to take out a license he shall present in person to the Boat Master an application in writing specifying the dimensions of his boat, the number of the crew and the quantity of cargo or number of passengers it is to be permitted to carry.

7. The Boat Master shall on receipt of such application, inspect the boat and on being satisfied that it is seaworthy, he shall call upon the owner to sign a declaration that he comprehends and consents to conform to these rules. He shall then register the boat according to form (A) annexed.

8. A fee of 2 Rs. shall be paid for registering every boat.

9. The owner of every registered boat shall have granted to him a license according to form (B) annexed.

10. Every registered boat shall bear on a conspicuous part of it, the number mentioned in the register. The number shall be cut on a white ground not less than 6 inches in length and shall be painted black in English and Malayalam. And if any owner should refuse to keep cut and painted such number or should hide or obliterate it, such owner shall on conviction, be liable to a fine not exceeding 25 Rs. or in default of payment to imprisonment not exceeding 45 days.

11. If any person who is not the boat owner shall be guilty of or assist in, altering or erasing the number, he shall, on conviction, be liable to a fine not exceeding 25 Rs. or in default of payment, to imprisonment not exceeding 45 days. If any person fraudulently paint or cause to be painted or counterfeited upon any boat, not having been duly registered, any number, every such person shall on conviction be liable to a fine not exceeding 50 Rs., or in default of payment, to imprisonment for a term not exceeding 90 days and every such boat shall be confiscated.

12. The boats required for landing or shipping cargo or passengers shall on application be supplied by the Boat Master.

13. All boat hire for landing or shipping cargo or passengers, shall be paid in advance according to the rates given in the annexed schedule (C) which may be revised from time to time under sanction of the Dewan.

14. The ordinary hours for boats to ply will be between 5 A. M. and 6 P. M.

15. No boat will be permitted to take off or land goods or passengers except within the prescribed limits of the Port. And any boatman or owner taking off or landing goods or passengers beyond such limits

sahil, on conviction, be liable to a fine not exceeding 25 Rs., or in default of payment to imprisonment not exceeding 45 days.

16. Two-thirds of the measurement tonnage of each boat shall be the maximum quantity of cargo it shall carry. And the number of passengers it shall take in shall be according to the following scale. Boats carrying one to two tons, 6 Europeans or 8 Natives. Boats carrying over two tons, for every ton in excess, 4 Europeans or 5 Natives. And if any boat be loaded with passengers or cargo beyond what is specified above, the Tindal of such boat shall be liable to a fine not exceeding 5 Rs. or in default of payment to imprisonment not exceeding 8 days; and every other person who shall be guilty either as principal or accessory of the like offence after having been duly warned by the Tindal shall be liable, on conviction, to a fine of 10 Rs. or in default of payment, to 16 days' imprisonment for every surplus passenger or candy of goods.

17. Each boat shall have the full complement of rowers entered in the Boat Master's Office. Boats loaded with two tons and under shall have one steersman and 4 rowers. Boats carrying over two tons for every ton in excess one additional rower, and any owner allowing his boat to ply without the regulated complement of men will be liable to a fine not exceeding 25 rupees, or in default of payment to imprisonment not exceeding 45 days.

18. There shall be a general descriptive register (form D) kept of all competent Tindals and able-bodied rowers who are registered as crews of boats, and each Tindal or rower shall be furnished by the Boat Master with a metal plate bearing his No. in the general register which metal plate shall be produced whenever demanded.

19. And if any boatman serving in any such licensed boat shall by wilful neglect, refusal, or desertion of duty, cause impediment to the service of such boat, he shall be liable on conviction, to a fine not exceeding 10 rupees or, in default of payment, to imprisonment not exceeding 16 days or in aggravated cases to corporal punishment not exceeding 12 lashes, and for a repetition of the offence, or if in any case life may have been endangered he shall be liable to receive such increased punishment as the nature of the offence may warrant.

20. All boats shall carry such number of passengers or such quantity of cargo as has been specified in rule 16; any refusal to take such passengers or cargo will subject the owner to loss of hire and suspension of License.

21. All owners of boats shall submit their boat to the inspection of the Boat Master, whenever he calls upon them to do so; and they shall likewise carry out such repairs to the boats as may be ordered; any refusal to attend to such order shall subject the owner to the suspension of his License which will be entirely withdrawn should such refusal be continued for one month.

22. Whenever a boat becomes unseaworthy, the License will be withdrawn.

23. Whenever a License is withdrawn, the Boat Master shall obliterate the number.

24. Should the cargo be damaged by the carelessness of the boat owners or of the men employed by them, the owners shall be held responsible for the cargo so damaged and likewise for any plunder or

theft of the cargo during transit. If goods be damaged by surf in spite of all diligence on the part of the crew, the owners of goods shall bear the loss.

25. For goods damaged by rain, the boat owners shall not be held responsible. Merchants or owners of goods shall provide tarpaulins when necessary.

26. All disputes regarding boat hire or any other matter connected with the boat service between shippers or passengers and boat owners or boatman shall be decided by the Boat Master.

27. Transfer of boat from one owner to another shall be duly registered in the Boat Master's Office within one week of such transfer: in default the original owner shall be liable to a fine not exceeding 10 Rs. or in default of payment to imprisonment not exceeding 16 days.

28. Boat owners refusing to let on hire boats for which Licenses have been granted, or allowing their men to ply boats beyond the prescribed time or landing or shipping cargo without the Boat Master's permission, or otherwise failing to conform to the above rules, shall on conviction, be liable to a fine not exceeding 50 rupees, or in default, to imprisonment not exceeding three months.

29. The boats shall be so told off for work from day to day, as to prevent undue advantage to the owners of some and undue loss to the owners of others.

30. The above rules shall be considered applicable to catamarans also.

31. The above rules are not to be considered to interfere with ships' boats or pleasure boats taking off or landing passengers or their baggage or ships' stores, all of which however must be embarked or debarked within the limits of the port and also during the prescribed hours only.

32. Should the owner of a registered boat desire the cancellation of the Registration, he shall give a month's notice in writing to the Boat Master who shall on the expiry of the term cause the register number to be obliterated, and enter the cancellation in the Register Book.

(Signed) N. NANOO PILLAY,

Huzur Cutcherry,
Trevandrum

Dewan,

30th Eastley 1964.
24th November 1878.

FORM A.

Register of Licensed Boat belonging to the Port of

No. of Boat in the Register.	Name of owner	Place of residence of owner.	Occupation of owner.	No. of Crew.	Capacity of Boat.	Dimensions in length and thickness.	Date of License.

Signature of Boat Master.

26	Turmeric per Bale	...	...	...	8	...	...
27	Coir Do.	...	...	...	10	...	...
28	Iron, Copper and other metals per candy.	...	...	...	8	...	...
29	Europe twist per bale	...	...	...	4	...	...
30	Silk-cases each	...	...	...	2	...	...
31	Umbrellas per box	...	...	...	4	...	...
32	Crackers Do.	...	...	...	4	...	...
33	Jars per 100	...	...	...	35	...	...
34	Preserves per chest	...	...	...	2	...	...
35	Paddy per 100 Parabs	...	...	...	8	...	...
36	Wheat and other grains per candy	...	...	...	8	...	...
37	Passengers per head	...	...	...	4	...	...
38	Ballast per ton	...	...	...	14	...	...

Half the above rates for Pattamars.

<i>Rates of hire for Boats.</i>				Chs. Ships. Chs.	
Single Boat with 6 oars in fair weather to Pattamar	10	Do.	20		
Do. 4 Do.	Do.	Do.	8	Do.	14
Do. 3 Do.	Do.	Do.	7	Do.	12

Night fair weather double the above rates and night foul weather four rates.

A Boat detained over $1\frac{1}{2}$ hours double boat hire, over 3 hours 4 rates and so on.

Boats detained alongside after 6 p.m. double boat hire in all such cases will be charged to the ships.

FORM D.

Register of able-bodied Boatmen of the Port of

General No.	Date of Registry.	Name of Boatmen.	Age.	Place of residence.	Occupation.	Remarks.
						Tindals should be distinguished from the rest by a remark in this column.

Signature of Boat Master.

BOAT RULES.

For the Port of Alleppey sanctioned by His Highness the Maha Rajah.

1. An Officer to be styled "Boat Master" shall have immediate control over all boats and crews plying in the Ports.
2. He shall be subject however to the control of the Master Attendant.
3. For the purposes of carrying out these Rules and for those purposes only, the Boat Master shall exercise the powers of a sub-Magistrate.

4. Similarly the Master Attendant shall have the powers of a Magistrate.

5. Where breaches of these Rules require a higher punishment than is awardable by a Sub-Magistrate, such cases should be referred to the Magistrate for disposal.

6. From and after the 20th Instant, no Boat shall be permitted to carry goods or passengers from or to any ship or vessel at the port, unless such boat has been registered and numbered, and the owner has taken out a license, in the manner hereinafter mentioned.

7. If any person who has not registered and numbered his boat, or taken out a license, shall use a boat for the aforesaid purpose, such person shall on conviction be liable to a fine not exceeding 50 Rupees, or in default of payment to imprisonment not exceeding 90 days.

8. Whenever the owner of any boat wishes to take out a license, he shall present in person to the Master Attendant an application in writing specifying the dimensions of his boat, the number of the crew, and the quantity of cargo or number of passengers it is to be permitted to carry.

9. The Master Attendant shall on receipt of such application, inspect the boat, and on being satisfied that it is seaworthy, he shall call upon the owner to sign a declaration that he comprehends and consents to conform to these rules. He shall then register the boat according to form (A) annexed.

10. A fee of two Rupees shall be paid for registering every boat.

11. The owner of every registered boat shall have granted to him a license according to form (B) annexed.

12. Every registered boat shall bear on a conspicuous part of it the number mentioned in the register. The number shall be cut on a white ground not less than 6 inches in length and shall be painted in black English figures on one side and in Malayalam figures on the other. And if any owner should refuse to keep cut and painted such number or should hide or obliterate it, such owner shall on conviction be liable to a fine not exceeding 25 Rs. or in default of payment to imprisonment not exceeding 45 days.

13. If any person who is not a boat owner shall be guilty of or assist in altering or erasing the number, he shall, on conviction be liable to a fine not exceeding 25 Rs. or in default of payment to imprisonment not exceeding 45 days. If any person fraudulently paint or cause to be painted or counterfeited upon any boat, not having been duly registered, any number, every such person shall, on conviction, be liable to a fine not exceeding 50 Rupees, or in default of payment to imprisonment of either description for a term not exceeding 90 days and every such boat shall be confiscated.

14. The boats required for landing or shipping cargo or passengers shall, on application, be supplied by the Boat Master.

15. All boat hire for landing or shipping cargo shall be paid in advance according to the rates given in the annexed Schedule (C) which shall be revised from time to time under the sanction of the Dewan.

16. The ordinary hours for boats to ply will be between 5 A. M. and 6 P. M.

17. No boat will be permitted to take off or land goods or passengers except within the prescribed limits of the Port. And any boatman, or owner taking off or landing goods or passengers beyond such limits shall, on conviction, be liable to a fine not exceeding 25 Rupees or in default of payment to imprisonment not exceeding 45 days.

18. Two-thirds of the measurement tonnage of each boat shall be the maximum quantity of cargo it shall carry. And the number of passengers it shall take in shall be according to the following scale :

Boats carrying one or two tons, 6 Europeans or 8 Natives.

Boats carrying over two tons, for every ton in excess, 4 Europeans or 5 Natives.

And if any boat be loaded with passengers or cargo beyond what is specified above, the Tindal of such boat shall be liable to a fine not exceeding 5 Rupees, or in default of payment to 8 days' imprisonment; and every other person who shall be guilty either as principal or accessory of the like offence, after having been duly warned by the Tindal shall be liable on conviction to a fine of 10 Rupees or in default of payment to 16 days' imprisonment for every surplus passenger or cargo of goods.

19. Each boat shall have the full complement of rowers entered in the Master Attendant's Office. Boats loaded with two tons and under shall have one steersman and 4 rowers. *Boats carrying over two tons for every ton in excess one additional rower.** And any owner allowing his boat to ply without the regulated complement of men will be liable to a fine not exceeding 25 Rupees or in default of payment to imprisonment not exceeding 45 days.

20. There shall be a general descriptive Register (Form D.) kept of all competent Tindals and able-bodied rowers who are registered as crews of Boats and each Tindal or rower shall be furnished by the Master Attendant with a metal plate bearing his No. in the general Register which metal plate shall be produced, whenever demanded.

21. And if any boatman serving in any such licensed boat shall by wilful neglect, refusal or desertion of duty, cause impediment to the service of such boat he shall be liable on conviction to a fine not exceeding 10 Rupees or in default of payment to 16 days' imprisonment or in aggravated cases to corporal punishment not exceeding 12 lashes; and for a repetition of the offence or if in any case life may have been endangered, he shall be liable to receive such increased punishment as the nature of the offence may warrant.

22. All boats shall carry such number of passengers or such quantity of cargo as has been specified in Rule 18. Any refusal to take such passengers or cargo will subject the owner to loss of hire, and suspension of license.

23. All owners of boats shall submit their boats to the inspection of the Master Attendant or the Boat Master, whenever he calls upon them to do so; and they shall likewise carry out such repairs to the boats as may be ordered. Any refusal to attend to such order shall subject the owner to the suspension of his license which will be entirely withdrawn should such refusal be continued for one month.

24. Whenever a boat becomes unseaworthy the license will be withdrawn.

* Modified by notification dated 20th June 1876.

25. Whenever a license is withdrawn, the Master Attendant or Boat Master shall obliterate the number.

26. Should the cargo be damaged by the carelessness of the boat owners or of the men employed by them, the owners shall be held responsible for the cargo so damaged, and likewise for any plunder or theft of the cargo during transit. If goods be damaged by surf in spite of all diligence on the part of the crew, the owners of goods shall bear the loss.

27. For goods damaged by rain boat owners shall not be held responsible. Merchants or owners of goods shall provide tarpaulins when necessary.

28. All disputes regarding boat hire or any other matter connected with the Boat service between shippers or passengers, and boat owners or boat men shall be decided by the Boat Master or in particular cases by the Master Attendant whose adjudgment shall be final.

29. Transfer of boat from one owner to another shall be duly registered in the Master Attendant's Office within one week of such transfer; in default, the original owner shall be liable to a penalty not exceeding 10 Rupees.

30. Boat owners refusing to let on hire boats for which licenses have been granted, or allowing their men to ply boats beyond the prescribed limits or time, or landing or shipping cargo without the Boat Master's permission, or otherwise failing to conform to the above rules, shall on conviction be liable to a fine not exceeding 50 Rupees; in default, to imprisonment not exceeding 3 months.

31.* The boats shall be so told off for work from day to day as to prevent undue advantage to the owners of some and undue loss to the owners of others.

32. The above rules shall be considered applicable to Catamarans and Canoes also.

33. The above rules are not to be considered to interfere with Ships' Boats or Pleasure Boats taking off or landing passengers or their baggage, or Ships' stores all of which must be embarked or debarked within the limits of the Port and also during the prescribed hours only.

34. All Boat owners shall have their Boats inspected and registered as required by the above Rules within the 24th Instant.

Huzur Catcherry,)
6th October 1874.)

A. SASHIAH SASTRI,
DEWAN.

FORM A.

Register of Licensed Boat belonging to the Port of Alleppey.

No. of Boat in the Re- gister.	Name of owner.	Place of resi- dence of owner.	Occupation of owner.	No. of Crew.	Capacity of the Boat	Dimensions in length & thickness	Date of Li- cense.

Signature of Master Attendant.

* Cancelled by notification dated 9th March 1881.

FORM B.

I hereby permit _____ to use the boat herein-under specified at the Port of Alleppey under the restrictions and subject to the penalties laid down in the Rules sanctioned by the Government under date the 6th October 1874. I have on personal inspection found the said boat to be sound and sea-worthy.

No. in Register.	Date of Registry.	Dimensions.		Capacity of Boat.	No. of passengers without cargo.	No. of crew.	Names of crew.	Remarks.
		Length.	Thickness.					

Alleppey, Master Attendant's Office, } Signature of Master Attendant.
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FORM C.

NOTIFICATION.*

It being expedient to reduce the rates of boat-hire now obtaining at the Port of Alleppey as per schedule C. appended to the boat rules sanctioned by His Highness the Maha Rajah under date the 6th October 1874, the following revised schedule (of boat-hire) will take effect from the 1st January 1881. and continue in force till further notice.
19th Margazhy 1306.

1	Cocanuts with husk	...	...	...R. 1 per 1,000
2	Do. without Do.	...	...	...chs. 3 " "
3	Copra, Ginger, Turmeric, Coffee, Pepper, Wheat and other grains in bags or robins	...	...	... 5½ per candy.
4	Metals	...	...	... 5½ " "
5	Coir in bales and Yarn or Fibre	...	...	... 6½ " "
6	Cases of Coffee, Ginger &c.	...	...	... 7 " "
7	Rope, Twine in bundles	...	...	... 6½ " "
8	Piece goods, gunnies, Twine in bales	...	...	... 4 " bale.
9	Stationery	...	...	... 5½ " candy.
10	Silk Cases	...	...	... 2 " case.
11	China paper	...	...	... 3 " "
12	Umbrellas and Crackers	...	...	... 3 " "
13	Crockery and Preserves	...	...	... 2 " "
14	Jars	...	...	... 17 " 100
15	Tea 3 chs. per chest 1½ chs. per ¼ chest 1 ch. per ½ chest.	...	...	...chs. 14 per chest.
16	Cardamoms	...	...	... 6 " candy.
17	Paddy	...	...	... 12 " 1500 liters.
18	Firewood	...	...	... 6 " Hhds.
19	Water	...	...	...R. 1 " leaguer.
	Do.	...	...	...R. 1 chs. 7 per boat.
	Do. in bulk	...	...	...

* Modified by Notification dated 20th December 1880.

- 20 Pilgrims 15 in No. with sundries embarking or landing R. 1 ch. 2
 21 Shipping Planks 1 per corgie.
 Do. Do. Double 2 " Do.
 Do. Timber Logs... ..chs 4 " candy.

Half the above rates for Pattimars.

Half hire extra to be given for working between 6 P.M. and 5 A.M.

Rates of hire for Passenger Boats.

Singie boats with 6 Oars in fair weather to Pattimar 10 chs. Ships 20 chs.
 Do. 4 Do. Do. Do. 8 " Do. 14 "
 Do. 3 Do. Do. Do. 7 " Do. 12 "

Night fair weather double the above rates and night foul, four rates.
 A boat detained over 1½ hour, double boat hire, over 3 hours four rates and so on.

Boats detained alongside after 6 P.M. double boat hire in all such cases will be charged to the ships.

V. RAMIENGAR,
 Dewan.

Huzur Cutcherry on Circuit, }
 Paravoor 20th December 1880. }

FORM D.

Register of able-bodied Boatmen of the Port of Alleppey.

General No.	Date of Registry.	Names of Boatmen.	Age	Place of residence.	Occupation.	Remarks.
						Tindals should be distinguished from the rest by a remark in this col.

Signature of Master Attendant.

NOTIFICATION.

Under sanction of His Highness the Maha Rajah, it is hereby notified in modification of para 19 of the boat rules for the port of Alleppey dated 6th October 1875, that in future, boats carrying over two tons need be provided with only one additional rower for every two tons in excess, it being found difficult and unnecessary to provide an additional rower for every ton in excess of two tons.

Huzur Cutcherry, }
 20th June 1876. }
 16th Anny 1051. }

A. SASHIAH SASTRI,
 Dewan.

NOTIFICATION.

It being expedient in the interests of trade to reduce the Pier toll and Tramway hire at the port of Alleppey, His Highness the Maha Rajah has been pleased to sanction, until further notice, the following rates in supersession of those at present in force.

I. PIER TOLL.

	Rs.	As.	P.
Ordinary goods per candy	...	1	..
Heavy goods.			
Steam boilers each	...12	..	..
Machinery in pieces or any article weighing half a ton or upwards per ton	... 2	..	..
Four-wheeled carriages each	... 3	..	..
Two-wheeled Do. Do.	... 1	8	..
Ponies each	... 1	8	..
Horses each	... 2	..	..
Dogs, sheep and other animals each	... 1	..	..
Piano-forte each	... 3	..	..

II. TRAMWAY HIRE.

Per candy	...	1	..
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2. The rates named in the above schedule shall take effect from the 12th March 1881, but shall not apply to salt landed under the 1st Pungony 1886. contracts already entered into for 1886.

V. RAMIENGAR,
Dewan.

Huzur Cutcherry, }
Trevandrum, }
9th March 1881. }

LAND AND SEA CUSTOMS CHOWKEYS.

Supt's Ranges.	Chowkeys.	Supt's Ranges.	Chowkeys.
Arambooly	Arambooly.	Areecotty	Manakodum
	Poonacoolum.		Velloothooly.
	Alavakara.		Kundansad.
	Unjegramum.		Mookum.
Colachel	Manacoody.		Anthacarally.
	Colachel.	Monumbum	Chathanad.
	Puttanum.		Varaupulay.
	Pooar.		Monumbum or Pallipport.
	Vilinjum.		Bagawathekota.
	Poontheray.		Ramaswerumkota.
	Anjengo.		Edapully.
	Paravoor.		Mamalay.
	Kayencolum.	Arienkavoo	Achenkovil.
Areecotty	Katoor.		Kolathoorpula.
			Arienkavoo.

Besides these, there is the Alleppy Chowkey under the direct control of the Commercial Agent, the Chowkeys of Areecotty and Quilon, which are under the control of the Peishkars of Cottayam and Quilon, the Chowkeys of Vellyamuttum and Goodalore, which are under the control of the Superintendent and Magistrate of the Cardamom Hills, and one at Nattoocawni under the control of the Superintendent and Magistrate of the Coffee Districts.

RULES

Regarding hire of Palankeen Bearers, Carts and Coolies

1.—The hire for Bearers carrying a loaded Palankeen shall be one chuckrum each man per mile, or 4 chuckrums each man for a cauthom (Indian league of 4 miles,) at which rate the hire for a set consisting of 12 Bearers, 1 Mussaljee and 1 Cavady Cooly shall be 2 rupees for each cauthom.

2.—Bearers carrying an empty Palankeen shall receive 2 chuckrums and 6 cash each man, or 1 rupee and 5 chuckrums and 4 cash the set for a cauthom.

3.—The hire for Bearers travelling to their post shall be 8 cash each man per cauthom, or for a set consisting of 12 Bearers, 1 Mussaljee and 1 Cavady Cooly, 7 chuckrums per cauthom.

4.—If Bearers are detained on the road, they are to receive 3 chuckrums and 3 cash for the first day, and 4½ chuckrums for each succeeding day per man.

5.—A set of Bearers posted, but not made use of, shall be paid 7 chuckrums for every mile, or one rupee for every cauthom they have to travel back to their homes, exclusive of all other charges to which they may be entitled, as before explained.

6.—The hire for a Cart (including driver and bullocks) shall be 3 chuckrums per mile, or 12 chuckrums for a cauthom.

7.—The hire for a Baggage Cooly shall be 8 cash per mile, or 2 chuckrums for a cauthom.

8.—All applications for bearers, coolies, carts, and boats for parties travelling from Trevandrum to Quilon are to be made (with specification of route) to the Peishcar in charge of the Trevandrum Division, who will supply bearers, coolies, carts, and baggage boats at Trevandrum, and make the necessary arrangements with the Tahsildar of Sherangheel for bearers, carts, baggage boats and coolies, and with the Tahsildar of Quilon for cabin and baggage boats, rowers, bearers and coolies.

9.—All applications from travellers from Quilon to Trevandrum are to be made to, and will be attended to, by the Tahsildar of Quilon, in a similar mode.

10.—Applications for cabin and baggage boats, rowers, and coolies, &c. from Alleppey are to be made to the Commercial Agent at that Station.

11.—Applications from parties travelling from and to other places in Travancore to be made to the respective Peishcars in charge of Divisions.

12.—No applications for bearers, &c. will be attended to unless accompanied by a written assurance that all charges incurred on account of the dāk laid will be paid on demand.

13.—A Memo. of the charges will be furnished to the traveller either from the Dewan Feishcar's Office or by the Officer who supplies the bearers, &c.

N. B.—As bearers, &c. are not readily procurable at all stations it would be desirable to give early notice with a view to prevent disappointment.

SPECIAL RATES

Sanctioned for the Roads from Cottayam and Chungaxacherry to Peermade.

1. The hire for Bearers carrying a loaded Palankeen shall be 1 chuckrum and 4 cash per mile per man.
2. Bearers carrying an empty Palankeen shall receive half hire at 10 cash each man per mile.
3. The hire for a cart (including driver and bullocks) going loaded shall be 4 chuckrums a mile.
4. The hire for a cart going empty shall be 2 chuckrums per mile.
5. The hire for a cart going to Peermade loaded and returning empty shall be 6 chuckrums per mile.
6. If carts are detained, batta at the rate of 7 chuckrums per driver and pair of bullocks shall be paid.
7. The hire for a Baggage cooly shall be one chuckrum per mile.

RULES

Regarding Hire of Maracan and Rowers.

WHEREAS the rates at which Rowers and Maracan are now paid are found to require revision, they are revised as follows; and the following rates will be in force hereafter.

Every Rower of loaded Cabin Boat, for every				AR. P.
	mile...	6	Cash=	0 2
Do. Do. Do. of empty	Do. for...	3	Cash=	0 1
Maracan of empty or loaded Boat, for day		3½	Far.=	5 7
If Rowers and Maracan are detained, each is to be paid Batta at the rate every day of,				1 Far.= 2 2

The persons for whom Rowers, &c. are posted, are required to pay the charges punctually and readily. The Rowers, &c., must be paid before they are expected to move the Boat.

(Signed) T. MADAVA ROW,
DEWAN.

According to the foregoing Rules, the rates of hire will be as follows:

From	Miles.	Distance.		Hire of a Kowar for going with loaded Cabin Boat.		Do. for going & coming with loaded Cabin Boat.		Do. for going with loaded & coming with empty Cabin Boat.		Do. for going with loaded & returning with out Boat.	
		Single hire.		Double hire.		One & a 1/2 hire.		One & a 1/4 hire.			
		Chs.	Ca.	Chs.	Ca.	Chs.	Ca.	Chs.	Ca.	Chs.	Ca.
TREVANDRUM to											
Anjengo ...	19	7	2	14	4	10	11	8	14		
Colitotum ...	22	8	4	16	8	12	6	10	5		
Shernee Kadavoo	24	9	"	18	"	13	8	11	4		
From Colitotum to Edava via the Varkulay Hills 6 Miles.											
" Shernecadavoo across the Hill to Nadayara & Do.											
From											
NADAYARA to											
Quilon ...	12	4	8	9	"	6	12	5	10		
QUILON to											
Chowray...	7	2	10	5	4	3	15	3	4		
Ponmanay ...	9	3	6	6	12	5	1	4	3		
Karunagapully ...	15	5	10	11	4	8	7	7	"		
Kayencolum ...	22	8	4	16	8	12	6	10	5		
Arecpand ...	30	11	4	22	8	16	14	14	1		
Mavelikaray ...	25	9	6	18	12	14	1	11	11		
Thiriconapalay ...	28	10	8	21	"	15	12	13	2		
Karumady ...	37	13	14	27	12	20	13	17	5		
Ambalapalay ...	38	14	4	28	8	21	6	17	13		
Alleppey...	49	18	6	36	12	27	9	22	15		
Areecaud ...	53	19	14	39	12	29	13	24	13		
Cottayam ...	64	24	"	48	"	36	"	30	"		
Shertallay ...	66	24	12	49	8	37	2	30	15		
Vycome ...	74	27	12	55	8	41	10	34	11		
Areecootty ...	80	30	"	60	"	45	"	37	8		
Cochin ...	88	33	"	66	"	49	8	41	4		
Alwaye ...	108	40	8	81	"	60	12	50	10		
Paroor ...	108	40	8	81	"	60	12	50	10		
Carupadana ...	130	48	12	97	8	73	2	60	15		
Pathanapoerum...	33	12	6	24	12	18	9	15	7		
From ALLEPPEY to											
Cottayam ...	15	5	10	11	4	8	7	7	"		
" Do. to											
Chunganachery...	12	4	8	9	"	6	12	5	10		
From Chunganachery to Sharetalay ...	26	9	"	18	"	13	8	11	4		
" Cottayam to Cochin	31	11	10	23	4	17	7	14	8		
" Mavelikaray to											
Alleppey...	22	8	4	16	8	12	6	10	5		

RULES

*For the Conservancy and Sanitation of the Town of Trevandrum,
sanctioned by His Highness the Maha Rajah under date the
11th Alpasy 1053, corresponding with the 26th October 1877.*

1. The limits of the Town in which these rules shall have force will be clearly defined at first and from time to time afterwards, when it may be found necessary to enlarge or contract it.

2. *Source of water supply and public bathing places.* All rivers, streams, tanks, canals, wells, springs which are generally resorted to for bathing or drawing water from, shall, from such date as may be proclaimed be considered as placed under the control and inspection of the Government Conservancy officer and his staff, whose duty will be in respect of these to prevent their pollution by washing therein or in such portion thereof as may have been forbidden, soiled cloths or rags other than those worn by people at the time of bathing, cooking vessels or cattle of any kind, or soaking therein timber, husks or other materials, tending to destroy the purity of the water, or throwing or mixing therein any dirt or substances having the same injurious effect on the water.

Sources of water supply shall be specified and marked out to meet the requirements of washing clothes and animals. Appendix A.

3. The public thoroughfares within the town including all main and minor roads, all streets and lanes which are not private property shall be similarly considered as placed under the control or inspection of the Government Conservancy officer whose duty it will be to enforce cleanliness and to prevent and remove all obstructions or inconvenience to traffic and passengers using them in the way of encroachments on the roadway by the erection of temporary sheds, pandals, &c, without due permission had or by allowing carts or other vehicles to remain or by picketing cattle thereon unnecessarily.

4. The Conservancy officer shall cause a sufficient number of movable or fixed dust boxes or other receptacles to be placed in convenient situations in streets and crowded places and shall require the occupiers of houses to cause all dust and rubbish to be deposited daily therein whence it shall be removed and carried away in the scavenging carts belonging to the Conservancy establishment to places that shall be selected by the Conservancy officer from time to time with the permission of the Government.

5. Permission for the erection of temporary sheds for marriage or other purposes where such can be allowed without inconvenience to the public will be granted on application to the Government Conservancy officer. Appendix B.

6. Markets and Bazaars including open spaces where fairs are or may be held, shall also be under the control, inspection and regulation of the Government Conservancy officer, whose duty in respect of these shall be, first to enforce perfect cleanliness and order; secondly to prevent vegetables or meat unfit for human consumption being exposed for sale.

7. Public latrines (when built or enclosed) and such other places as may be assigned for the purpose shall also be under the exclusive control of the Conservancy officer.

8. *Private privies and backyards.* He shall in this connection have also power to inspect privies and backyards of private dwellings and enforce cleanliness in them. Appendix C.

9. Cart stands, cattle pens and stables owned by private parties shall similarly be under the control and regulation of the Government Conservancy officer, who shall have power to enforce cleanliness and order and to remove therefrom cattle suffering from infectious diseases. But when the Government is the owner, the Conservancy officer shall have access to the places and suggest to the officer in charge the enforcement of sanitary rules. If they are not acted upon, he shall report the same to the Government.

10. No burial or burning ground whether public or private shall be made or formed on or after the date on which these rules come into force without the permission of the Government. The existing burning and burial grounds shall be open to the inspection and control of the Conservancy officer and subject to the Conservancy rules. But in regard to cemeteries attached to churches and mosques, the Conservancy officer shall, when he deems it necessary to inspect them, have access to them with the permission of the priest or minister in charge and suggest the sanitary improvements prescribed by the rules. Should access be refused or the suggestion not acted upon, the Conservancy officer shall report the same to the local Magistrate.

11. All occupations of a dangerous kind such as the making of gunpowder, fireworks and premises whereon they or chunam kilns or smith's forges are set up, shall be under the control of the Government Conservancy officer.

12. *Stray Cattle.* It will also be the duty of the Conservancy officer, to keep the thoroughfares and streets clear of stray cattle, by causing them to be removed to and detained in pounds (which will be established for the purpose) till released on payment of the prescribed fines by the owners or sold as unclaimed property.

13. *Miscellaneous.* It shall also be the duty of the Conservancy officer,

(a) To prevent indecent exposure of the person in the vicinity of thoroughfares for purposes of calls of nature.

(b) To prevent persons who may be afflicted with blindness or loathsome disease squatting on the sides of thoroughfares for purposes of begging.

(c) To prevent carriages being driven during darkness without light.

(d) To prevent cattle being left tethered in the vicinity of roads so as to cause danger to passing conveyances.

(e) To prevent carts and carriages being driven by persons too young or too old or otherwise incompetent.

(f) To enforce the speedy removal of carcasses from roads or from private premises.

(g) To prevent glandered horses or any animals suffering from any loathsome or infectious diseases, or any substances of offensive smell such as putrid fish being taken into a market, fair or other place of public resort or through any public thoroughfare.

14. Any violation of the said rules, will, on the same being proved, be punished by the Magistracy with fines not exceeding Rupees 10, or in default of fine with simple imprisonment not exceeding 30 days.

15. The Conservancy officer may prosecute, directly or through his subordinates, before any competent Magistrate, any persons violating the foregoing rules within 3 months next after the commission of such offences.

SECTION 2 APPENDIX A.

(1) Cooking vessels may be cleaned at some distance from the sources of water.

(2) Washermen and others who may stand in need of washing soiled clothes and rags are allowed the privilege of doing so in the Karamany river 300 yards below the site of the old bridge and in the Kilmyar river some 200 yards below Killipanolm bridge. The forbidden parts will be marked by posts.

(3) The following sources of water are assigned for washing animals as well as soiled clothes, rags, &c.

The river ghauts specified in para 2 as well as the sources of water enumerated below.

Kollanecolom. കൊല്ലൻ കളം

Valoothakantocolum. വലൂതകാട്ടു കളം

Anthuvarampucolum at Chally. ആന്തുവരപ്പു കളം and 3 out of the group of reservoirs in the Brick fields.

SECTION 5 APPENDIX B.

For the erection of temporary sheds for marriage or other purposes, written application should be made to the Conservancy officer, who shall inspect the sites applied for and stake out such parts as are absolutely required for sheds being built, leaving a sufficient space for free passage of traffic and passengers, and shall give his permission in writing.

SECTION 8 APPENDIX C.

Private privies and backyards may be inspected at any time between sunrise and sunset and after 6 hours' notice to their owners, and if opposition is offered the Conservancy officer shall report the same to the local magistracy.

The above rules will come into force on the 20th Kartigay current.

N. NANO PILLAY,
DEWAN.

DIVISIONS OF THE TOWN OF TREVANDRUM FOR PURPOSES OF CONSERVANCY.

The limits of the Town where the Rules for Conservancy and sanitation are intended to operate will at present be coterminous with the limits of the local jurisdiction of the Town Sub-Magistrate and the interior of the Fort. The burial ground on the beach is also included in the jurisdiction.

The town shall, for the purpose of Conservancy arrangements, be divided into 5 divisions, namely, the Fort Division, the Chally Division, the Tycaud Division, the Pettah Division, and the Sreevarahom Division.

BOUNDARIES.

Fort Division—Bounded on all sides by the Fort.

Chally Division—Bounded on the North by the Public road, running along the canal called "Cochaur", on the South and East by the Southern and Eastern limits of the jurisdiction of the Town Sub-Magistrate and on the West by the road leading to Tirocovallum.

Tycaud Division—Bounded on the North by the Observatory road, on the South by the road running along the Cochaur, on the East by the Eastern limit of the jurisdiction of the Town Sub-Magistrate and on the West by the Main road.

Pettah Division—Bounded on the North by the Northern limit of the jurisdiction of the Town Sub-Magistrate, on the South by the road branching off along the outside of the Northern and Western Fort

walls and turning from the Western Fort Gate to Shangoomoogum, on the East by the Main road, and on the West by the Parvathy Pootthen Canal and Western limit of the jurisdiction of the Town Sub-Magistrate.

Sreevarahom Divison—Bounded on the North by the road branching off along the outside of the Southern and Western Forts—and turning to Shangoomoogum, on the South by the Southern limit of the jurisdiction of the Town Sub-Magistrate, on the East by the Public road leading to Tiroovellum, and on the West by the Western limit of the jurisdiction of the Town Sub-Magistrate, including the burial ground recently established on the sea coast.

NOTIFICATION

Prohibiting the Shooting of Elephants.

Under sanction of His Highness the Maha Rajah it is hereby notified to all concerned, that the Travancore Sircar strictly prohibits the shooting, or otherwise killing, of wild elephants, in the territories of the State, except as hereinafter provided.

2. Persons convicted of transgressing the provisions of this notification will be summarily punished by the Magistracy with fine not exceeding 50 rupees or with imprisonment which may extend to three months, or with both.

3. In special cases, the Dewan will, on application, grant a written permit for shooting elephants; and those who obtain such permits and act only in conformity with their provisions, will be exempted from the penalties specified in the preceding para.

4. General permits will be granted on application to such subjects of this State as possess properties in or near jungles infested by wild Elephants; and such subjects will be authorized by the permits to kill elephants, but in defence of their persons and properties only.

5. Persons killing wild elephants in self-defence will be exempted from the penalties specified in para 2 of this notification; but such persons shall immediately report the circumstance to the nearest Police Officer.

6. In any case, the tusks, teeth, &c. of wild Elephants, however death may have occurred, will, as hitherto, be the property of the Sircar, and are deliverable to the nearest Police Officer.

7. The Sircar will pay a reward to any person who will give information of the illicit killing of Elephants, or of appropriation of their tusks, such as will lead to the conviction of the offender.

Huzar Outeherry, }
Travandrum, }
18th October 1869. }

T. MADAVA ROW,
DEWAN.

NOTICE

To Europeans and Americans Resorting to Travancore.

Europeans and Americans who arrive in Travancore are requested to immediately report the circumstance to the nearest Police Authority. Should they desire to reside permanently in this country, they have previously to obtain the permission of the Sircar, through the British Resident, which, if deemed unobjectionable by the authorities, will be duly accorded on the parties agreeing to conform to the local laws and usages.

Europeans and Americans, residing in Travancore, are expected in like manner, to obtain the sanction of the Sircar in every instance of purchasing or otherwise acquiring landed property.

THE FOUR DIVISIONS OF TRAVANCORE AND DISTRICTS
OR TALUQS COMPRISED THEREIN.

Division.	Station of the Officer in charge.	Districts comprised in the Division.	Stations of the Tahsildars of the Districts.
Palpanabapuram or Southern...	Palpanabapuram.	Thovaulah Agastheesuram Erraneel Kulculam Velavancode	Poothapanndy. Shosheendrum. Erraneel. Palpanabapuram. Coolethoray.
Trevandrum ...	Trevandrum.	Neyattankaray Trevandrum Neddoovengaad Sherangheel	Neyattankaray. Trevandrum. Neddoovengaad. Sherangheel.
Quilon ...	Quilon.	Quilon Kunattoor Karunagapully Kartigapully Mavellikaray Chenganoor Tiruvella Ambalapulay Kotaurakaray Pathnapuram Shencottah	Quilon. Kunattoor. Padnaircolunkaray Arrepaad. Mavellikaray. Chenganoor. Tiruvella. Ambalapulay. Kotaurakaray. Pathnapuram. Shencottah.
Cottayam or Northern	Cottayam.	Shertallay Vykam Yetmanoer Cottayam Changanacherry Meenachel Mooantupulay Thodoo pulley Kunattoonaad Anlangaad Paravoor	Shertallay. Vykam. Yetmanoer. Theroonakaray. Changanacherry. Palah. Mooantupulay. Karicode. Perroombavoor. Tiruwaloor. Cunnencolankara.

JURISDICTION OF THE ZILLAH AND MUNSIF COURTS.

District or Zillah Courts.	Munsiff Courts subordinate to each Zillah.	Kelvies, Adigaroms, Proverthies or Maniams in each District comprising Jurisdiction of the Zillah and Munsiff Courts.
Nagercoil ...	Nagercoil	... All the Kelvis in the Thovala and Agastheeswam Districts.
	Pulpanabapoorom	... All the Adigaroms in the Kulcolum and Errancel Districts.
	Neyyattankara	... All the Adigaroms in the Velavancode District; & Neyyattankara, Vellapil, Parashallay, Kunnathookal Kollayil, Coolsthoor, & Peronkadavilah in the Neyyattankara District.
Trevandrum ...	Trevandrum	... Nellaman, Oolloor, Coolsthoor, Pallippuram, Kalaycottom, and Thonnekel in the Trevandrum District.
	Do. Additional	Vanjoor, Palooalangara, Pattom, & Vattioorkavoo in the Trevandrum District; and Nabnom Kotfookal, & Marookil in the Neyyattankara District.
	Sherayankil	... All the Adigaroms in the Sherayankil and Neddoovengand Districts.
	Quilon	... All the Proverthies in the Quilon District; & Thayvolakazay, & Shavary in the Karanagapally District.
	Krishnapurum	... Karanagapally, Koolashanakarapooram, Puthoopally, Kristnapurum, Thalarah, and Punmonah in the Karanagapally District; Panthalam vadiakkikara, Panthalam thekkikara, Thamaraculum, Pallikel, and Thekkikara in the Mavellikaray District; and Pathioor in the Kartigapally District.
Quilon. ...	Kotamrakazay	... All the Proverthies in the Kotamrakazay, Pathanamparam, & Kunattoor Districts.
	Shencottah	... All the Maniams in the Shencottah District.
	Tiroovellah	... All the Proverthies in the Tirovallah and Chenganoor Districts.
	Areepand	... Kartigapally, Ariad, Keericaud, Chaipand, Pallipand, Moothookolom, Kelakakarah, Kumarapuram and Thirokoonnapalay in the Kartigapally District and Mavellikaray, Kannamangalom, Noor-naud and Aulaw in the Mavellikaray District.
	Alleppey	... Alleppey, Kynukari, Neddoonady, Pulinkoonnoo, and Kavalom in the Ambalapalay District; and Ariad Mararikolom, Thaneermookom, Sherttalay, and Vayalar in the Sherttalay District.
Alleppey. ...	Ambalapalay	... All the Proverthies in the Changanacherry District; & Ambalapalay, Chembakoolam, Thalavady Kolimookkoo, Thagali, Poracaud, & Karoomady in the Ambalapalay District.
	Vykam	... All the Proverthies in the Vykam District; & Arrooz, & Thooraor in the Sherttalay District.
	Cottayam	... All the Proverthies in the Yettanoor, Meenachel, & Cottayam Districts.
	Mooanthupalay	... All the Proverthies in the Mooanthupalay, Thodoovalay, & Kunattoonand Districts.
Paravoor ...	Paravoor	... All the Proverthies in the Anlangaad & Paravoor Districts.

**Routes of Main Trunk Roads and Backwaters, with
distances and Travellers' Bungalows.**

A Star (*) denotes Travellers' Bungalow.

Stages.	Distances.	Remarks.
<i>Road from Trevandrum (Fort) to Tinnevely, via Aramboly Pass, 94 Miles.</i>		
Trevandrum*	0	
Neyattenkaray*	11	
Coolithoray*	12	
Oodagherry*	10	
Nagercoil*	9	
Aramboly	8	50 miles.
Travancore Frontier	3½	
Panagoody*	2½	British Territory
Tinnevely* (Railway Station)	38	Do.
<i>Road from Nagercoil to Colachel Port.</i>		
Nagercoil	0	
Colachel*	14	
<i>Backwater from Trevandrum to Trichoor & Shoranore via Cochin, 192 Miles</i>		
Trevandrum Basin*	0	
Anjengo	18	
Naddayra*	8	
Quilon* (Sea Port)	12	
Airenthongo*	18	By Backwater.
Carmaudy*	20	
Alleppey* (Sea Port)	11	
Cochin* (do.)	30	British Territory
Trichoor*	46	Cochin. Do.
Shoranore Railway Station (By road)	20	British. Do.
<i>Road from Trevandrum (Fort) to Northern Frontier, via Cottayam, 156 Miles</i>		
Trevandrum*	0	
Bavanapuram	20	
Nellamail	9	
Cottaracuray*	17	
Yenadyungalum	6	
Uddoor*	7	
Pundalam	7	
Chenganoor	9	
Chunganacherry*	12	
Cottayam*	10	97 miles.
Yattumanoor	7	
Yalacaud	8	
Koothathacolem	8	
Moovattoopalay	12	
Perumbaloor	12	
Northern Frontier	12	156 miles.

Stages.	Distances.	Remarks.
<i>Road from Trevandrum (Fort) to Shencottah, 64 Miles.</i>		
Trevandrum*	0	"
Nedoovangand*	12	
Pallode	10	
Muddathorycawny	10½	
Colathoorpolay*	7½	
Camp Gorge	8	
Ariencavoo*	6	
Poolyaray*	5	
Shencottah*	5	
<i>Road from Alleppey to Peermade, Goodalore & Cumbum, 98 Miles.</i>		
Alleppey*	0	} By Backwater.
Cottayam*	16	
Warroor*	17	
Moondakayam*	15	Foot of Ghaut.
Peermade* (Orady)	16	Head of Ghaut.
Periar Ferry*	11	} British. Do.
Goodalore Ghaut head	10	
Goodalore	7	
Cumbum	6	
<i>Road from Quilon to Shencottah 60 Miles.</i>		
Quilon*	0	
Koondara	10	
Cottarasouray*	6	
Poonalore*	12	
Camp Gorge	15	
Ariencavoo*	6	
Poolyaray*	5	
Shencottah*	5	
<i>Road from Kayencolum to Poonalore (on Road from Quilon to Shencottah) 35 Miles.</i>		
Kayencolum (Backwater)	0	
Pullicul*	4½	
Uddoor*	13½	
Pathanapuram*	10	
Poonalore*	7	

PENSION RULES ESTABLISHED UNDER
SIGN MANUAL BY HIS HIGHNESS
THE MAHA RAJAH.

Under date the 15th August 1864.
1st Chingon 1940.

1. All public servants drawing monthly salaries of 30 rupees and upwards and named in the annexed List marked A, shall be entitled to pension under these rules.

2. The applicant for pension must have served the Sircar for a period not less than 15 years, on a monthly salary of 10 rupees and upwards.

3. If the applicant's service fall short of 30 years, he cannot have a pension, unless incapacitated for further employment by old age, protracted ill-health, loss of sight, or other bodily or mental infirmity. Competent medical testimony to such incapacity shall always accompany an application for pension in such circumstances. But when service is more than 30 years, such testimony shall not be required.

4. Public servants of standing between 15 and 20 years, who are entitled to pension under these rules, shall be granted pensions equal to one-fourth of their monthly salaries calculated on an average of five years previously to the date of the application for pension. If the service has been for more than 20 but less than 30 years, and the public servant is entitled to pension under these rules, the amount shall be one-third of the monthly salary calculated in the manner above stated. Similarly, if the public servant has served 30 years or upwards, and his case satisfies the rules, the amount of his pension shall be one-half of his monthly salary calculated as above.

5. In no case, however, is the amount of pension to exceed 500 rupees a month.

6. Pensions granted under these rules are not liable to attachment or sequestration in satisfaction of any decree or order of Court.

7. Pension certificates cannot be mortgaged or otherwise transferred. The pensions are payable only to the individuals in whose names they have been granted or to their authorized Vakeels.

8. Dismissal for misconduct entails forfeiture of the benefit of past service.

9. Service as substitute does not count towards pension when the substitute holds no substantive appointment.

10. The whole of the service in virtue of which pension is claimed, must have been passed in one of the grades specified in the annexed List marked B.

11. Periods of service before the age of 18 shall not count towards pension.

A.

Dewan.
 Dewan Paishcar.
 Vallia Mel Elthoo Pillay.
 Mel Elthoo Pillay.
 Dewan's Secretary.
 Police, Maramut, Chowkey, Devason and Mint Sheristadars.
 Fousdarry Commissioner.
 Palace Sarwathy Kariacar.
 Do. Mel Elthoo Pillay.
 Do. Samprethy Pillay.
 Nithiachilavoo Kariacar.
 Chellom Kariacar.
 Sheristadar of the Petition Department, Palace.
 Tutor to the Young Princes.
 Stable Kariacar.
 Judge of the Sadr Court.
 Registrar to Do.
 Judge of the Zillah Court.
 Munsiff.
 Tahsildar.
 Superintendents of Police, Quilon and Trevandrum.
 Sheristadar of the Commercial Department.
 Huzur Samprethy.
 Pepper Department Samprethy.
 Huzur Treasurer.
 Manager, Huzur Office.
 Deputy Manager do. do.
 Huzur Head Royasom.
 Do. Deputy do.
 Jemabundy Head do.
 Unjel Superintendent.
 Manager, Sadr Court's English Office.
 Supervisor of Salt Bankshalls.
 Chowkey Superintendent.
 Extra Police Officer.
 Jail Superintendent.
 Pillamars, Royasoms, Goomastas, Cashkeepers, Translators,
 Writers, Samprethies and Visharippooes drawing monthly salaries
 of 30 Rupees and upwards in the Huzur Catcherry, Sadr Court,
 Palace, Commercial Department, and Zillah Courts.

B.

Appointments included in the List A.
 Accountants, Royasoms, Cashkeepers, Goomastas, Goomastars,
 kenmars and Clerks in the Huzur Catcherry and Sadr Court;
 and every Office in the other Departments, to which is attached
 a monthly salary of 10 Rupees or upwards excepting such grade
 as that of Peon.

TRAVANCORE IMPORT TARIFF.

No customs duties will be levied on goods imported by land, sea or backwater into Travancore being the produce or manufacture of British India or of the territories of the Cochin State excepting on the following articles which will be treated as articles under numbers in the 1st column of the Import Tariff which are given opposite to each article hereunder.

Tobacco, raw and manufactured as per No. 5 in the 1st column of the Import Tariff.

Salt	do.	No. 4	do.
Opium	do.	No. 3	do.
Spirits	do.	No. 2	do.

Imported goods other than those which are the produce or manufacture of British India or the territories of the Cochin State which shall have already paid duty to British India or the Cochin State will be exempted from duty.

The Sircar will not tax Coimbatore or other British Indian produce passing through the Travancore backwater to British Cochin or to the Cochin State nor tax the produce of the territories of the Cochin Sircar directly proceeding through Travancore to British Cochin or to some other part of the territories of the Cochin State itself. *Vide* Notification No. 265 dated ^{14th Vyasaury 1040.} published at page 125 of

the Travancore Gazette dated ^{28th May 1863.} ^{1st Aunty 1040.} 13th June 1863.

No.	NAME OF ARTICLES.	PER.	TARIFF VALUATION	RATE OF DUTY.	
				Rs.	A.
1	ARMS AMMUNITION AND MILITARY STORES—				
	Fire-arms and parts thereof—				
	(1) Fire-arms other than pistols, for each	...	...	50	0
	(2) Barrels for the same, whether single or double, for each	...	...	30	0
	(3) Pistols, for each	...	...	15	0
	(4) Barrels for the same, whether single or double, for each	...	...	10	0
	(5) Springs used for fire- arms, for each	...	...	8	0
	(6) Gun-stocks, sights, blocks and rollers, for each	...	...	5	0
	(7) Revolver-breaches for each cartridge they will carry	...	...	2	8

* Articles enumerated under number 1 will not be allowed to be imported by sea into any other port than Alleppey. *Vide* Notification

dated ^{17th June 1879.} published at page 465 of the Travancore Gazette
^{4th Aunty 1064.}
 dated ^{24th June 1879.}
^{11th Aunty 1064.}

IMPORT TARIFF.—(continued)

No.	NAMES OF ARTICLES.	PER.	TARIFF VALUATION	RATE OF DUTY.
	(8) Extractors, nippers, heel-plates, pins, screws, tangs, bolts, thumb-pieces, triggers, trigger-guards, hammers, pistons, plates and all other parts of a fire-arm not herein otherwise provided for, and all tools used for cleaning or putting together, or loading the same, for each	...	...	Rs. A. 1 8
	(9) Machines for making or loading or closing cartridges, for each	...	...	10 0
	(10) Machines, for capping cartridges for each	...	...	2 8
	<i>Exception 1.</i> Articles falling under the 5th, 6th, 8th, 9th or 10th head of the above list when they appertain to a fire-arm falling under the 1st or 3rd head and are fitted into the same case with such fire-arm are free ...			
	<i>Exception 2.</i> Arms forming part of the regular equipment of an officer entitled to wear diplomatic, military or police uniform, and a revolver or a pair of pistols accompanying a military officer are free			
	<i>Proviso 1.</i> No duty in excess of 10 per cent ad valorem shall be levied upon any of the articles mentioned in the above list when they are imported in reasonable quantity, for his own private use by any person lawfully entitled to possess the same...			
	<i>Proviso 2.</i> When any articles which have been otherwise imported, and upon which duty has been levied or is leviable under this number, or purchased retail from the importer by a person lawfully entitled as aforesaid, in reasonable quantity for his own private use, the import-			

IMPORT TARIFF—(continued.)

No.	NAMES OF ARTICLES.	PER.	TARIFF VALUATION		RATE OF DUTY.
			Rs.	A.	
	er may apply to the Dewan for a refund or remission (as the case may be) of so much of the duty thereon as is in excess of ten per cent, ad valorem and if the Dewan is satisfied as to the identity of the articles, and that such importer is in other respects entitled to such refund or remission, he shall grant the application accordingly ...				
	Gunpowder, common...	lb.	0	5	} 10 per cent.
	Do. sporting ...	"	1	0	
	All other sorts ...		Ad valorem		
2	Liquors†—				
	Ale, beer, and porter except when condensed or concentrated ...	Impt. Gallon or six quart bottles.			} 1 Anna.
	Cider, and other fermented liquors ...				
	Liqueurs ...	"			Rupees 4.
	Spirit, intended to be used exclusively in arts or manufactures, or in chemistry and which has been rendered effectually and permanently unfit for human consumption ...		Ad valorem		} 5 per cent
	Spirit, when used in drugs, medicines or chemicals in a proportion less than 20 per cent of spirit of the strength of London proof ...				
	Spirit, when so used in a proportion of 20 per cent and upwards ...	{ Impt. Gallon or six quart bottles of the strength of London proof			
	Spirit, perfumed, in wood, or in bottles containing more than four ounces ...	"			
	Spirit, other sorts ...	"			
	Wines—				
	Champagne and all other sparkling wines ...	{ Impt. Gallon or six quart bottles.			} Rs. 2 8
	All other sorts of wines ...				

† Liquors which have paid the foreign import duty in British India are exempted from duty. Vide Notification dated 23rd Augy 1940 published at page 263 of the Travancore Gazette dated 25th Augy 1940.
25th Augy 1940

IMPORT TARIFF—(concluded.)

No.	NAMES OF ARTICLES.	PER.	TARIFF VALUATION		RATE OF DUTY.
			Rs.	A.	
3	OPIMUM— N.B. Ought to have paid duty to the British Indian Government and can be imported only by the Government contractor	lb.	13	2	10 per cent.
4	SALT— N.B. Ordinary salt cannot be imported except on account of the Government Indipoo	{ Indian Mo. of 5,300 Tola	...		Rupees 2
5	TOBACCO:— Snuff English Tobacco used for smoking... .. Cigars Cigarettes Coccolak... .. Unmanufactured		Bottles of 56 tolae	2 2	} 8 percent As hitberto
		lb.	3	8	
		"	3	8	
		lb.	Ad valorem	0 8	
		...	...	...	

1 Raw and confected dutiable under the bonding system governed by separate rules.

TRAVANCORE EXPORT TARIFF.

No.	DESCRIPTION OF GOODS.	PER.	TARIFF VALUATION		RATE OF DUTY.
			Rs.	A.	
1	PRODUCE OF THE COCONUT TREE				
(a) —					
	Copra	Cwt.	8	8	
	Coconuts	1000	30	0	
	Coir	Cwt.	9	0	
	Cables, tanned and untanned.	Do.	10	0	
	Coir fibre	Do.	7	1	
	Arrack	Bottles 12	8	0	
2	PRODUCE OF THE ARECANUT TREE (a) —				
	Areanuts without husk ...	Candy.	125	0	2 per cent.
	Do. in husk	Do.	67	0	
3	PRODUCE OF THE PALMYRA TREE (a) —				
	Jaggery and Candy	Cwt.	3	8	
	Arrack	Bottles 12	8	0	
	Toddy for distilling, and sweet toddy				
4	GRAINS AND OIL SEEDS —				
	Paddy	Cwt.	9	0	3 per cent. If exported to British India or Ceylon, if to other countries 5 per cent. per Maund.
	Rice	Do.	3	4	
	Green gram	Do.	4	0	
	Black gram	Do.	3	12	
	Country beans or Paroompa-yaroo	Do.	3	0	
	Horse gram	Do.	2	4	5 per cent.
	Gingelly seed	Do.	6	0	
	Chamah, Thinah, Raggy, Varagoo and Varagary				
	Laurel nuts	Do.	7	0	Ad valorem
	Castor seed	Do.	4	8	
5	COFFEE (a) —				
	Peeled Coffee	Do.	20	0	3½ per cent.
	Parchment Coffee	Do.	16	1	
	Cherry Coffee	Do.	10	12	
6	OILS —				
	Gingelly	Do.	15	0	5 per cent.
	Coconut	Do.	14	0	
	Laurel	Do.	8	0	
	Lemon grass	lb.	1	12	1 per cent.

(a) No commodities other than those under Nos. 1, 2, 5 and 20 and varieties of Sugar under Nos. 3 and 12 of the 1st column of the above schedule shall be subject to export duty at Ramaawaremoottah and Edappally and at Bagavadiottah no other than the above and pepper. Vide Notification Nos. 600. dated 15th Edavom 1040 and 767 dated 6th Edavom 1044. 1st Anny 1040. 18th May 1869. published at page 127 of the 18th June 1865. and at page 329 of the 18th May 1869. Travancore Gazette.

EXPORT TARIFF.—(continued.)

No.	DESCRIPTION OF GOODS.	PER.	TARIFF VALUATION	RATE OF DUTY.
7	HIDES—			
	<i>Tanned</i>			
	Country Buffalo	Score.	80 0	
	Cow	Do.	60 0	
	Goat skins	Do.	16 0	
	Sheep skins	Do.	11 0	
	Deer skins	Do.	8 0	
	Kid skins	Do.	6 0	
	<i>Untanned</i>			
	Country Buffalo	Do.	40 0	
	Cow	Do.	30 0	
	Goat skins	Do.	8 0	
	Sheep skins	Do.	5 8	5 per cent.
	Deer skins	Do.	4 0	
	Kid skins	Do.	3 0	
	All other hides or skins		<i>Ad valorem</i>	
8	HORNS AND IVORY—			
	Horn Buffalo	Cwt.	11 0	
	Do. Cow	Do.	6 0	
	Do. Stag and Deer	Do.	12 0	
	Do. Bison		<i>Ad valorem</i>	
	Ivory—			
	(Note)			
	Elephant's tusks and hollows being articles of Government monopoly, cannot be exported without a pass or Rahadary from the Dewan or the Commercial Agent.			
9	GINGER GREEN AND DRY.—			
	Ginger unscrapped Malabar	Cwt.	10 0	
	Dry ginger	Do.	15 0	
	Galingal	Do.	3 8	
10	SALT FISH	Do.	3 0	
11	TAMARIND	Do.	2 8	
12	SUGAR CANE PRODUCE (a)—			
	Molasses	Do.	6 0	
	Sugar hard	Do.	23 0	
	Do. soft	Do.	12 0	5 per cent.
13	ARROW ROOT AND ITS PRODUCE—			
	Flour	Do.	20 0	
	Root	Do.	2 0	
14	TURMERIC OF EVERY KIND—			
	Turmeric	Do.	7 0	
	Pinjel	Do.	3 4	
	Maramunjel and Munchanay		<i>Ad valorem</i>	
15	KITCHOLDUM	Do.	10 0	
16	JUTE, FIBRE, ROPE, &c.	lbs. 300	10 0	

EXPORT TARIFF.—(concluded.)

No.	DESCRIPTION OF GOODS.	PER.	TARIFF VALUATION		RATE OF DUTY.
			Rs.	A.	
17	PEPPER (b)	Candy.	...	...	5 Rupees.
18	OPPIUM PER CHEST OF 2 INDIAN MAUNDS (c)	...	...	...	10 Rupees
19	PLUMBAGO	Cwt.	1	8	5 per cent.
20	TIMBER (a)—				
	Teak, Blackwood, and Thavatharam	Candy.	12	0	10 per cent.
	Cole Teak (d)	Do.	5	0	
	Anjelly, Jack, Thampavoo and Karingalee (d)	Do.	6	0	
	Junglewood of all descriptions not above named	Do.	4	0	
	Teak, Blackwood and Thavatharam Planks (d)	100 Theevols	100	0	
	Anjelly, Jack, Thampavoo and Karingalee planks (d)	Do.	75	0	
	All other kinds of planks	Do.	40	0	
	Knees and ribs used in ship building	Cerge.	40	0	
	Do. Do. for small vessels	Do.	20	0	
	Do. Do. for boats	Do.	10	0	
	Areotrees	100	15	0	10 per cent.
	Bamboos	Do.	10	0	
	Cocconut and Palmyra rafters	100 Koles.	5	0	
	Oil-mills	Each.	3	0	
	Boats made of Anjelly	Parah.	0	4	
	Do. all other kinds of timber	Do.	0	3	
	Masts Poony girth ranging from 12 to 18 Virals	...	125	0	
	Do. Do. below 12 Virals	...	80	0	
	Legs intended to be used for Catamarans Vamboos	Esch.	10	0	
	All other kinds	Do.	2	0	
	Yanathones	Parah.	2	0	10 per cent.
	Codapanay	Each.	2	0	
	Water wheels	...	Adulorum	...	

(b) Unless otherwise authorised, pepper intended to pass out of the country cannot be exported, if by sea, from any other Ports than Alleppey and Quilon, or, if by land, or backwater by any other routes than Velliya-muttam, Peruvanthanum (now Goodslow) Atchencoll, Ariengavoo, Kulathoopulay, Aramboly, Araccootty, Bagavadicottah and Verapully. But if intended to be shipped at British Cochin shall as usual be covered by a certificate from the frontier Chowkey of Araccootty. Vide Notification No. 767 dated 25th October 1864 published at page 529 of the Travancore Gazette dated 18th May 1865.

(c) Vide Notification 303 dated 13th July 1865 published at page 592 of the Travancore Gazette dated 21st August 1865.

(d) Teak blackwood and Karingalee, if purchased from the Commercial depot, or from any depot under the Forest Conservator and if covered by a pass from the Commercial Agent or the Forest Conservator shall be passed free.

TELEGRAPH DEPARTMENT.

P. M. MADGE.

Assistant Superintendent, Cochin Sub-Division, in charge.

Alleppey, a 2nd Class Office—open from 7 A. M. to 9 P. M. daily except on Sundays and Holidays, when it is open from 7 to 9 A. M. and from 4 to 9 P. M.

S. C. Mattusamy, Telegraph Master.

Quilon a 3rd Class Office—open daily from 10 A. M. to 9 P. M. except on Sundays and Holidays, when it is open from 7 A. M. to 9 A. M. and from 4 P. M. to 6 P. M.

R. S. D'Souza, Telegraph Master.

Trevandrum, a 2nd Class Office—open from 7 A. M. to 9 P. M. daily, except on Sundays and Holidays, when it is open from 7 to 9 A. M. and from 4 to 9 P. M.

L. C. Gomes, Telegraph Master.

Nagercoil, a 3rd Class Office—open daily from 10 A. M. to 5 P. M. except on Sundays and Holidays, when it is open from 7 A. M. to 9 A. M. and from 4 P. M. to 6 P. M.

M. Krishnasawamy, Telegraph Master.

RULES AND RATES FOR INLAND TELEGRAMS.

Rules and Tariff, relating to the transmission of Telegraph Messages, in India, sanctioned by the Governor-General in Council, with effect from the 1st January 1882.

GENERAL.

RULE I.—The accuracy of messages is not guaranteed, and the sender and receiver must accept all risks arising from non-delivery, errors, or delays.

RULE II.—Telegraph Stations are divided into three classes
viz:—

Class of Office.	General working hours (local time.)	Special working hours (local time) on Sunday, Christmas Day, New Year's Day, Good Friday, and the Queen's Birthday.
I.	Day and night	Day and night.
II.	7 A. M. to 9 P. M.	7 to 9 A. M., and 4 to 9 P. M.
III.	10 A. M. to 5 P. M.	7 to 9 A. M., and 4 to 6 P. M.

Exception in favor of emergent telegrams signed by competent authority.

Messages should be legibly written.

RULE III.—In cases of life and death, or of extraordinary emergency, a message, countersigned by the Chief Civil or Military Authority at a Station, or by any of the Authorities empowered to "clear the line" (see Rule XL), can be sent from any Office at any time.

RULE IV.—Senders of messages are advised to write their messages in an unmistakable and distinct hand.

ACCEPTANCE OF MESSAGES FOR TRANSMISSION.

Limit to length of messages.

RULE V.—No message or messages of more than 500 words can be sent at any one time by any private individual or firm, and no second message by the same individual or firm till after the lapse of three hours, unless the lines be free and not required by any one else.

Messages must be in the Roman character, or Arabic figures.

RULE VI.—All messages must be legibly written in the Roman character or in Arabic figures: subject to the above limitation, messages may be sent in the vernacular, or any foreign language, or in cipher, if written in Arabic numerals.

Messages translated for natives.

At Stations other than the Presidency Towns, every assistance possible is afforded to natives in the translation of messages into English and *vice versa*.

Form to be followed.

RULE VII.—The body of the message must be preceded by the *address* (as defined in Rule XVIII.) The true signature and address of the Sender must always be written at the foot of the message.

Verification of signature to private messages may be insisted upon.

Full address necessary.

Authentication of corrections necessary.

Messages sent by Post to Telegraph Stations for transmission.

Treatment of messages received by Post for transmission insufficiently stamped.

Messages addressed to non-Telegraph Stations.

The Sender of a private message can always be called upon to prove that the signature attached to it is genuine.

RULE VIII.—The address must contain all the information necessary to ensure the delivery of the message at its destination, and the Sender in all cases suffers the consequences of insufficiency of address. After the message is once despatched, it can neither be cancelled, completed, nor rectified except, by the despatch of a fresh *paid* message.

RULE IX.—Every interlineation, reference, erasure, or alteration of words must be authenticated by the Sender of the message, or by his representative.

RULE X.—Messages from places where there is no Telegraph Station should be addressed to the nearest Government Telegraph office by post registered, together with Telegraph or Postage stamps sufficient for their payment. A Receipt for the amount will be posted free to the Sender.

In the case of a *private* message sent by Post to a Telegraph Station with an insufficient number of stamps, the message and stamps will be returned "Service Bearing" to the Sender, who should in all cases give his full address.

RULE XI.—Messages can be addressed to places where there are no Telegraph Stations. In such cases, the Sender must state (free) from what Telegraph office delivery is to be effected.

Example.—"To Sberghoty, Post Burhee." No charge will be made for ordinary *Inland* postage, which is defrayed by the Telegraph Administration. But if the Sender of a message that has to be delivered by *Inland* post wishes it to be *registered*, he must prepay the postal registration fee of two annas, and intimate that this has been done by adding (free) the words "Post registered," instead of "Post," before the name of the Telegraph Station at which the message is to be posted.

Postal registration is compulsory in the case of messages which have to be posted in India to places beyond Indian limits, and in such cases both the postage and registration fees* must be prepaid by the Sender.†

* 8 annas.

† The registration fee (3 annas) is also payable in the case of messages to which replies are prepaid, and which are addressed to a Station where there is no Telegraph office, or in the case of messages addressed to Railway Stations on which a reply deposit exceeding Rs. 2 is prepaid. (vide Rule 37.)

"Bearing" messages.

RULE XII.—With the following exception, all charges for messages must be prepaid in cash or in stamps:—

Messages are sent "bearing" from Sea-ports when received for despatch by mail steamers or other vessels, but no such message whether "prepaid" or "bearing" will be received for transmission until the name of the vessel has been made known. *Bearing messages will not be delivered to the Addressee until after payment has been obtained.*

Use of Stamps.

RULE XIII.—All charges on telegrams are prepaid in Telegraph Stamps, which are procurable at every Treasury and every Government Telegraph Station.

Form of stamp provides a guarantee to the Sender and to Government.

Telegraph Stamps are double-headed, the object being that the *upper half* shall be returned on the Receipt (whereby the Sender receives a guarantee that his message has not been suppressed for the sake of the stamps), and the *lower half* shall be affixed to the message as voucher to Government that it has been prepaid.

Forms obtainable gratis at all stations.

Proper Forms on which to write messages are available gratis at all Telegraph Stations, and Senders are requested to use these forms only.

Stamps to be properly affixed to the forms.

The Senders of messages should be careful to affix their stamps on the spaces left blank for the purpose on the message forms, *the upper half on the Receipt, the lower half on the message*, and to see that the stamps are defaced with the office stamp which bears the name of the station and the date.

Cut or defaced stamps cannot be received.

Telegraph stamps cut in two, before being sent into a Telegraph Office, or which are in any way defaced, discolored, or damaged, cannot be accepted.

Application for the refund of the value of such stamps, accompanied by particulars of the way in which the stamps became damaged, may, however, be made to the Telegraph Check Office, Calcutta, which will ordinarily comply with the application when no doubt exists that the damaged stamps are genuine, and that the damage was not caused intentionally.

Charges on State messages.

RULE XIV.—State messages from all Public Functionaries must be paid for in cash or in stamps prior to despatch; the rates are the same for State messages as those charged to private individuals. This Rule will be relaxed in

State messages take their turn for despatch with private urgent or deferred messages.

No unpaid messages to be despatched under penalty.

Objectionable messages to be refused acceptance.

Free address.

Charge for a message.

case of great emergency; whenever an urgent State message is tendered for despatch under this permission, the Sender must take the necessary steps to ascertain the charges on it, and pay them into the Telegraph office within 24 hours.

RULE XV. State messages not marked 'Urgent' will be treated as 'deferred' (see Rule 19). They take their turn for despatch with 'urgent' and 'deferred' private messages according to the order in which they were tendered.

RULE XVI.—No unpaid messages, except those specified in the Departmental Regulations, shall on any account be transmitted. A violation of this rule will subject the Signaller or Telegraph Master in charge of the station from which a message is improperly despatched to dismissal from the public service.

RULE XVII.—Telegraph Masters are required to refuse to transmit a message which may be of a decidedly objectionable or alarming character. Should the character of a message be open to doubt, the matter shall be referred to a Secretary to Government, if the message be tendered at the seat of Government, or the Chief Civil or Military Officer, if at a Provincial station.

CHARGES.

RULE XVIII.—No charge is made for the transmission of the address.

The 'Address' includes names of stations from and to which the message is to be despatched, the *bona fide* names or designations* of the Sender and Addressee, and the latter's address. No other words can be transmitted unless paid for as part of the body of the message and the officers of the Telegraph Department are authorized to omit from the address any words which are not essential to the correct delivery of the message.

If the Sender of a message desire his own address to be telegraphed, it must be included in the body of the message, and paid for.

RULE XIX.—The following are the rates of charges for a message. (No charge is made for the transmission of the address.)

* Name and designation cannot both be admitted unless it would otherwise be obviously impossible for the Addressee to identify the Sender. A message can only be sent in the name of one individual or firm.

Between any
two Stations
in India

Re.	As.	Re.	As.	Re.	As.	Re.	As.	Re.	As.	Re.	As.	Re.	As.
0	4	0	4	0	8	0	1	1	0	0	2	2	0
Five-digit words or groups of three figures.		Each additional word or group of three figures.		First eight words or groups of three figures.		Each additional word or group of three figures.		First eight words or groups of three figures.		Each additional word or group of three figures.		Five-digit words or groups of three figures.	
Local messages—i. e., those sent by the working hours of a Telegraph Office for the purpose of conveying information within a radius of six miles of a Central Government Telegraph Office.		Referent messages—i. e., those forwarded during the working hours of a Telegraph Office for the purpose of conveying information beyond the limits of the working hours of the office, and to be delivered in destination early in the following morning.		Colliery messages—i. e., those forwarded during the working hours of a Telegraph Office for the purpose of conveying information of an ordinary nature.		Special messages—i. e., those sent by a Telegraph Office for the purpose of conveying information of an extraordinary nature.		Special messages—i. e., those sent by a Telegraph Office for the purpose of conveying information of an extraordinary nature.		Special messages—i. e., those sent by a Telegraph Office for the purpose of conveying information of an extraordinary nature.		Special messages—i. e., those sent by a Telegraph Office for the purpose of conveying information of an extraordinary nature.	

Messages des-
patched to and
from Railway sta-
tions without extra
charge.

RULE XX.—A message can be sent from
any station of the Government Telegraph De-
partment to any Railway Telegraph Station
or *vice versa*, without additional charge.

APPLICATION OF CHARGES.

RULE XXI.—The maximum length of a
word is fixed at six syllables; the excess is
counted as a word.

No unusual ab-
breviations or com-
binations per-
mitted.

RULE XXII.—Messages must not contain
any unusual combinations, abbreviations, or con-
structions. Any word in common use, which,
although requiring two words to express it, is
generally recognised as one word; is charged
as one word when so written; when the two
parts are not joined by a hyphen or apos-
trophe, and when less than six syllables.

"Halfpenny," "Twopence," "Threepence,"
&c. up to "Elevenpence," when written as a
single word, count as one word only. "J.F.O.B."
and "O.F.I." "A.M." "P.M." when written as
separate letters, are each counted as three words,
but when written "Fob," "Cs," "AM," "PM," as
one word.

Words joined by
a hyphen.

RULE XXIII.—Words joined by a hyphen
are counted as so many separate words.

Words separated
by an apostrophe.

RULE XXIV.—Words separated by an apos-
trophe are counted as so many separate words.
(This rule does not apply to nouns in the
possessive case, as "General's," "Charles',"
"Brother's").

Proper names,
titles, &c.

RULE XXV.—Proper names of towns and persons, names of places, streets, ships, titles, Christian names, prefixes, and qualifications are counted for the number of words employed by the Sender to express them.

Every separate
character, includ-
ing an underline,
charged as a word.
Signs of punctu-
ation.

RULE XXVI.—Every *isolated* character, whether letter or figure, is counted as a word. The same applies to an underline.

RULE XXVII.—Signs of punctuation, hyphens, apostrophes, inverted commas, parentheses, fresh paragraphs are not counted or signalled, but decimal points, commas, bars of division &c. *used with figures* are each counted as a figure and signalled.

Charges for
figures.

RULE XXVIII.—When numbers are expressed in figures, all the characters, figures, letters, or signs in each group are added together, the total divided by three, and the quotient, plus one for the remainder, if there be any, gives the number of words the group represents. Signs used to separate groups and letters added to figures to form ordinal numbers are counted each as a figure or letter; groups of letters not forming words (letter cipher) cannot be transmitted.

All words to be
transmitted charg-
ed for.

RULE XXIX.—All that the Sender writes in his message to be transmitted to be included in the cost, but the address of a message, as *defined in Rule 18*, will be transmitted without charge.

Date and time
of receipt added by
the Department &
transmitted free.

The day, hour, and minute (Madras time) of receipt of a message into a Telegraph Office for despatch are in every instance added by the Department *and telegraphed free of charge*. Senders may, however, date their messages if they think fit, but the Sender's date, if given, will be charged for.

Multiple messa-
ges charged as sepa-
rate messages.

RULE XXX.—A message addressed to several persons, or to the same person, in localities where delivery is to be effected by different offices, is charged for as so many separate messages.

Multiple messa-
ges charged as one
message.

RULE XXXI.—A message addressed to several persons in one locality, or to the same person at several places of residence in one locality, with or without transmission by post, is charged for as a single message, but a copying fee of four annas, independently of postage, if any, is charged for each destination after the first.

REPETITION OF MESSAGES.

Collation of message.

RULE XXXII.—The Sender of any message can require that it be repeated. In this case the different stations employed in its transmission collate it as it passes, repeating it to each other integrally.

Charge for collation.

RULE XXXIII.—The charge for repeating is equal to half the charge for the message. A repeated message is indicated by the word "*collated*," which, to ensure the greatest accuracy, is telegraphed (free) both in the official instructions and as the first word of the text of the message.

ADVICE OF DELIVERY.

Advice of delivery.

RULE XXXIV.—Any Sender can require that a notice of the time at which his message is delivered be transmitted to him by telegraph. This advice of delivery may be addressed to him at any Station he may name.

Case of non-delivery.

RULE XXXV.—If the message cannot be delivered, the return-telegram indicates the circumstances which prevented delivery, and, if possible, gives the information necessary to enable the Sender to cause his message to reach its destination.

Priority of return-message.

The return-message has priority in transmission over ordinary messages.

Charge for advice of delivery.

RULE XXXVI.—The charge for an advice of delivery or non-delivery is two rupees.

PREPAYMENT OF REPLY.*

RULE XXXVII.—The Sender of a message can prepay a reply depositing for this purpose a sum not exceeding *ten times* the cost of his original telegram; but the message to which a reply is prepaid must not be addressed to more than one person. He must add to his message the words "*Reply prepaid*" or "*Answer paid*." These must form the concluding words of the message, but will not be charged for. On depositing the corresponding sum, the Sender can add (free) to the words "*Reply paid*" or "*Answer paid*" the amount to which he wishes the reply to be limited. When the words "*Reply paid*"

* The sender of a State message addressed to a Government Official may not prepay a reply. And in the case of a State message addressed to other than a Government official, any sum deposited by the sender under this rule must be intended for no other purpose than to cover the cost of a return telegram.

alone are given, without any specified amount, it will be understood that the minimum charge only for an "ordinary" message has been prepaid. The Terminal Station pays to the Receiver, in Telegraph Stamps, or in money the amount prepaid, leaving it to him to send his answer how, and when, and to what address he pleases, or not to send one at all. The reply, if sent, is considered in every respect as a fresh message.

In the case of a message to which a reply is prepaid addressed to a station where there is no Telegraph office, the amount is forwarded to destination from the nearest Government Telegraph Office, not in Telegraph stamps but by currency notes and postage stamps in an insured cover: the sender must accordingly prepay the postal insurance fees.

Reply deposits exceeding Rs. 2 in value cannot be received at or delivered from any Railway Telegraph Office. Messages addressed to stations on Railways to which replies exceeding Rs. 2 in value are prepaid are not transferred to the Railway Telegraph but posted with currency notes and postage stamps enclosed from the nearest Government Telegraph station direct to the Addressee; in the case of such messages also the postal insurance fees are payable by the sender.

Should it be impossible to effect delivery of a "Reply-paid" message, the Terminal Station sends a Service telegram to that effect to the Sender, and the amount deposited will be refunded on application being made to the Telegraph Check Office, Calcutta. The words "Reply paid" or "Answer paid" entitle the Addressee to receive the equivalent of the minimum charge only.

It should be distinctly understood that it is not compulsory on the addressee to send a reply. The duty of the Telegraph Station consists simply in paying to him, in Telegraph Stamps, or in money the amount prepaid, leaving him at liberty to do what he pleases with it.

DELIVERY.

Free
radius.

delivery

RULE XXXVIII.—Local messages will be delivered free of charge within one mile and others within five miles of a Telegraph Station. Beyond this distance, messages will be sent by post or by such other means as the Sender may arrange

and pay for. Should the addressee of a message have left the station to which it is addressed, it will, if returned unopened with definite instructions as to the new address, be re-transmitted without extra charge. If the sender requests it, his messages will be delivered open. In this case the words 'deliver open' must be included free in the body of the message. The Telegraph Department may deliver "deferred" messages through the Post Office of the place of destination.

The messenger who delivers a message may be entrusted with the reply, provided he be not detained for this purpose more than five minutes; but delay may unavoidably occur in his return to the Telegraph Office. The fact of the reply having been given to the messenger, and the amount paid to him, should be mentioned on the receipt given for the original message.

Rules for registration of abbreviated addresses.

RULE XXXIX.—Any Firm or Individual expecting to receive Inland or Foreign messages can register an abbreviated address at the Government Telegraph Office from which such messages have to be delivered.

No abbreviated address can be accepted which has already been registered *locally* by another Firm or Individual.

The fee for registration of *each* abbreviated address is Rs. 10 per annum, payable in advance on the 1st January in each year, or Rs. 50 for all time, with a fine of Rs. 5 for every change of address. Abbreviated addresses are considered confidential.

The Department accepts no responsibility in respect of the delivery of any telegram having an abbreviated address, if such address has not been registered

CLEAR LINE MESSAGES.

RULE XL.—On emergent occasions of great importance, the public functionaries named below have the power to "clear the line," that is, to suspend the receipt and despatch of all messages until the one for which the line is "cleared" is passed on:—

- (1).—The Governor-General of India.
- (2).—The Governors of Madras, Bombay.

- (3).—Commanders-in-Chief, India, Madras, and Bombay.
- (4).—Lieutenant-Governors of Bengal, North-Western Provinces, and the Punjab.
- (5).—Secretaries to the Government of India.
- (6).—Secretaries to the Governments of Madras, Bombay, Bengal, North-Western Provinces, and Punjab.
- (7).—Chief Commissioners of Oudh, the Central Provinces, British Burma, and Assam.
- (8).—Agents to the Governor-General, Rajpootana, Central India, & Beluchistan.
- (9).—Commissioners of Sindh and Peshawur.
- (10).—The Residents at Hyderabad (Deccan) and Mysore.
- (11).—Director General of Telegraphs in India.
- (12).—The Maharajah of Patiala *from the Patiala Office only.*

The messages so sent are, however, to be paid for, in cash or in stamps, as other State messages.

REFUNDS.

No refund given for State messages or for 'local' or 'deferred' private messages or for errors in uncollated 'ordinary' or 'urgent' private messages.

Conditions of refund in the case of non-delivery or delay of messages.

RULE XLII.—No refund will under any circumstances be made for a "State message of any class or for a 'local' or 'deferred' private message; and no refund will be made for an 'ordinary' or 'urgent' private message delivered wholly or partially in an unintelligible state, unless the extra charge for repetition has been paid by the sender.

RULE XLIII.—If 'an ordinary' or 'urgent' private message be not delivered, or be subjected to serious delay through the fault of the Telegraph Department, the whole charge made for it will be returned to the Sender.

RULE XLIV.—Applications for refunds, as also all complaints respecting messages, should be addressed to the TELEGRAPH CHECK OFFICE, CALCUTTA. Such claims for refund should be made, under penalty of rejection, within two months from the date of the message; but this period is extended to six months in the case of a repeated message, or of a message for which a *Reply* or an *Advice of Delivery* has been prepaid. (*When an overcharge has been made on an inland*

message through the neglect of the Telegraph employees, and when there exists no doubt whatever as to the justice of the claim, the amount overcharged will be repaid at once by the Telegraph Master.)

CANCELLATION OF MESSAGES.

• Refunds not admissible when a message is cancelled at the Sender's request.

RULE XLIV.—If the Sender of an inland message wishes to cancel it before transmission has commenced, he can do so, but the charges upon it will not be returned when once the stamps are obliterated. If the message is in course of transmission, or has already been despatched, it can only be cancelled by a paid message from the Sender to the Telegraph Master of the Terminal Station. If in addition the Sender wishes to be informed by telegraph in what manner his request has been acted upon, he must deposit the cost of the return telegram.

OBLIGATION OF SECRECY.

RULE XLV.—To secure secrecy as much as possible, all persons (including officers of the Department) not actually on duty, are strictly prohibited from entering the Signal-room. Breach of this regulation renders an offender liable to a fine of Rs. 500 under Act I of 1876.

• Penalties for divulging the contents of a message.

RULE XLVI.—Violation of secrecy on the part of any person in the Department will be punished by dismissal from office, forfeiture of arrears of pay, and a declaration in the official Gazette of the incapacity of the delinquent to serve the Government in any capacity. He will also be liable to the further punishment of fine, or to imprisonment (with or without labor) not exceeding three years, or to both.

It is a violation of secrecy to mention the fact that a message has been received or despatched by any particular person or firm.

COPIES OF MESSAGES.

Certified copies of ordinary or Urgent messages obtainable by Sender and Receiver.

RULE XLVII.—The Sender and Receiver have a right to be furnished with certified true copies of any ordinary or Urgent message sent or received by them; a fixed charge of four annas is made for every copy furnished. As no Telegraph office keeps copies of messages longer than three days, applications for copies required after that time has elapsed should be made to the TELEGRAPH CHECK OFFICE, CALCUTTA.

Applications for copies must be made within six months of the date of the message. At the expiration of that period all message drafts are destroyed.

One anna must be enclosed for postage of the reply—failing which, it will be sent "bearing."

Application may be made, as above by an interested party for the preservation of specified telegrams exchanged between other persons on the ground of pending or contemplated Judicial proceedings. Such telegrams will be preserved for a further period of six months at the expiration of which they will, in default of a renewed application, be destroyed.

Should the particulars furnished be insufficient to enable the Check Office to trace the telegrams at once, the estimated cost of the required search must be deposited by the applicant. It must be understood that the duty of the Telegraph Department in the matter is confined to making the search and preserving the telegrams if found. No information as to the result of the search will be furnished, and any telegrams answering the description given which may be found will only be produced on the order of a competent Court of law or other competent authority.

PRESS MESSAGES.

RULE XLVIII.—Under certain conditions, to be ascertained on application to the Director General of Telegraphs (Traffic Branch), *bond fide* Press messages, i. e., messages in the ordinary English language addressed to, and intended for publication in, a newspaper, can be despatched at reduced rates.

WEIGHTS, MEASURES &c. USED IN TREVANDRUM.

Reduced to Equivalents in English Denominations.

WEIGHTS.

1	Pannam	=	6 Grains (approximately.)	
13	Pannams = 1 Callenjoo	=	78 do.	"
13	Callenjoo = 1 Pallam	=	1014 do.	"
7½	Pallams = 1 Rautel	=	7605 do.	"

GRAIN MEASURE.

1	Naully	=	23 Cubic Inches	"
4	Naulies = 1 Edungally	=	92 do.	"
3	Edungallies	=	1 Gallon	"
10	do.	=	1 Purray.	

LIQUID MEASURE.

4	Thodums = 1 Naully	=	23 Cubic Inches	"
4	Naulies = 1 Edungally	=	92 do.	"
10	Edungallies	=	1 Purray.	
12	do.	=	1 Chottanay.	
5	Chottanais	=	1 Codum.	

MEASURE OF LENGTH, APPLICABLE TO LAND AND TIMBER, &c.

1	Angoolam	=	1½ Inch English approximately	
24	Angoolams = 1 Kole	=	30 Inches, = 2½ Feet	"
4	Koles	=	1 Thendoo	10 " "
800	Thendoos	=	1 Nauligay	8000 " "
2000	do.	=	1 Crosam	20,000 " "
4	Crossams	=	1 Yogena	80,000 " "

MEASURE OF TIME.

8	Nody	=	1 Mathra	=	0.1 Second.
4	Mathras	=	1 Gunnidum	=	0.4 " "
10	Gunnidums	=	1 Vyerpoo	=	4.0 Seconds.
6	Vyerpoos	=	1 Vinauligay	=	24 " "
60	Vinauligays	=	1 Nauligay	=	24 Minutes.
24	Nauligays	=	1 Munnaynebrum	=	1 Hour.
7½	do.	=	1 Yaunam	=	3 Hours or 1 Watch.
60	do or 8 Yaunams	=	1 Divvassam	=	1 Day.
7	Divvassams	=	1 Wauram	=	1 Week.
15	do.	=	1 Packsham	=	15 Days (nearly.)
2	Packshams..	=	..	=	1 Lunar Month.
1	Mausam ..	=	..	=	1 Native Month (29 to 31 days.)
2	Mausams	=	1 Rretoo	=	The Native Season.
6	Rretoos	=	1 Waroosham	=	1 Year.

TRAVANCORE WEIGHTS, &c.

WEIGHTS OF COPPER, IRON, NUTS, PEPPER, &c.

16	Meeshams	=	1 Pannam.
10	Pannams		1 Callenjoo.
16	Callenjoo		1 Pallam.
100	Pallams		1 Tulam.
20	Tulams		1 Pauram.

WEIGHTS OF SUGAR, TOBACCO, OPIUM, &c.

10	Meeshams	=	1 Pannam.
10	Pannams		1 Callenjoo.
21	Callenjoo		1 Pallam.
5½	Pallams		1 Rautel.
24	Rautels		1 Maund.
150	do.		1 Toontoo.
4	Toontoos		1 Candy.

WEIGHT OF SALT.

1	Garce	=	120 Maunds.
1	Maund		3,200 Tolas or Rupees.
1	Parah		1,050 Tolas.
1	Coomb		1,68,000 Tolas.
1	Indian Maund		82½ lbs. Avoirdupois.

MEASURE OF SALT.

10	Edungalies	=	1 Parah.
160	Parahs		1 Coomb.

WEIGHTS, USED AT QUILON.

3	Pallams	=	1 Seer.
2	Seers		1 Rautel.
20	Rautels		1 Tulam.
28	do.		1 Kutcha Maund.
30	do.		1 Pucka do.

GRAIN MEASURE, USED IN NAUNJYNAAD.

360	Grains of Paddy	=	1 Chevadoo.
5	Chevadoos		1 Allackoo.
2	Allackoos		1 Olluck.
4	Ollucks		1 Puddy.
8	Puddies		1 Mercal.
21	Mercals		1 Kotta.

TABLES OF MONEY.

BRITISH INDIAN CURRENCY.

Rupee		Annas		Pice
1	=	16	=	192
		1		12

The Queen's Rupee weighs 180 grains or $\frac{1}{3}$ ths of an ounce troy and contains $\frac{1}{10}$ ths, or 165 grains of pure silver, and $\frac{1}{10}$ th or 15 grains of alloy.

32 Rupees weigh 1 lb. troy. 32 $\frac{1}{2}$ ths Rupee, 1 lb. avoirdupois. Other silver coins of British Indian currency, bear in all respects a due proportion to the Rupee.

TRAVANCORE CURRENCY.

Travancore Varahen (Gold coin) = 52 $\frac{1}{2}$ Cullian Panams.
Do. Half Do. (Do.) = 26 $\frac{1}{4}$ Do. Do.

Rupee		Anandorayan Panamam		Cullian Panamam		Chuckram		Cash
1	=	3 $\frac{1}{2}$	=	7	=	28	=	448
		1		2		8		128
				1		4		64
						1		16

30 $\frac{1}{2}$ Chuckrams weigh 1 Queen's Rupee; consequently 1 Chuckram weighs very nearly 6 grains. The silver of the Chuckram is 94.53125 per cent. fine, and therefore 2.86459, or nearly 3 per cent. better than that of the Queen's Rupee, which is only 91 $\frac{1}{2}$ ds fine. The established rate of exchange, viz. 28 $\frac{1}{2}$ Chuckrams per Queen's Rupee, is therefore nearly 4 per cent. less than a fair equivalent.

COCHIN SIKKAR CURRENCY.*

Rupee		Vararayan Panamam		Pooten		Pice
1	=	3 $\frac{1}{2}$	=	19 $\frac{1}{2}$	=	211 $\frac{1}{2}$
		1		5 $\frac{1}{2}$		60 $\frac{1}{2}$
				1		11

COINS CURRENT AT SHENCOTTAH.

4	Pice	=	1	Thootoo.
48	Thootos		1	Rupee.
48 $\frac{1}{2}$	Pice		1	Valla Pannam.
192	Pice or 4 $\frac{1}{2}$ Vella Pannam (at the rate) of 16 $\frac{1}{2}$ Vella Pannams for 1 Pagoda)	}	1	Rupee.

* Current also in British Cochin.

Table No. I.*For converting Travancore to British Indian Currency.*

Travancore Currency.			British Currency.		Travan- core.			
Rs.	Cts.	C.	Rs.	P.	Rupias.	Q-Rs.	P.	Q-Rs. Cts.
1			0.42		1	0 15	8.63	0 28 0
2			0.84		2	1 15	5.26	1 27 8
3			1.26		3	2 15	1.89	2 27 0
4			1.68		4	3 14	10.53	3 26 8
5			2.11		5	4 14	7.16	4 26 0
6			2.53		6	5 14	3.79	5 25 8
7			2.95		7	6 14	0.42	6 25 0
8			3.37		8	7 13	9.05	7 24 8
9			3.79		9	8 13	5.68	8 24 0
10			4.21		10	9 13	2.32	9 23 8
11			4.63		11	10 12	10.95	10 23 0
12			5.05		12	11 12	7.58	11 22 8
13			5.47		13	12 12	4.21	12 22 0
14			5.89		14	13 12	0.84	13 21 8
15			6.32		15	14 11	9.47	14 21 4
1			6.74		16	15 11	6.11	15 20 8
2			1 1.47		17	16 11	2.74	16 20 0
3			1 8.21		18	17 10	11.37	17 19 8
4			2 2.95		19	18 10	8.00	18 19 0
5			2 9.68		20	19 10	4.63	19 18 8
6			3 4.42		30	29 7	6.95	29 13 8
7			3 11.16		40	39 4	9.26	39 8 8
8			4 5.89		50	49 1	11.58	49 3 8
9			5 0.63		60	58 15	1.90	58 27 0
10			5 7.37		70	68 12	4.21	68 22 0
11			6 2.11		80	78 9	6.53	78 17 0
12			6 8.84		90	88 6	8.84	88 12 0
13			7 3.58		100	98 3	11.16	98 7 0
14			7 10.32		200	196 7	10.32	196 14 0
15			8 5.50		300	294 11	9.48	294 21 0
16			8 11.79		400	392 15	8.64	392 28 0
17			9 6.53		500	491 3	7.80	491 6 8
18			10 1.26		600	589 7	6.96	589 13 8
19			10 8.00		700	687 11	6.12	687 20 8
20			11 2.74		800	785 15	5.28	785 27 8
21			11 9.47		900	884 3	4.44	884 6 0
22			12 4.21		1000	982 7	3.60	982 13 0
23			12 10.95		2000	1964 14	7.20	1964 26 0
24			13 5.68		3000	2947 5	10.80	2947 10 8
25			14 0.42		4000	3929 13	2.40	3929 23 8
26			14 7.16		5000	4912 4	6.00	4912 8 0
27			15 1.89		6000	5894 11	9.60	5894 21 0

Table No. II.

*For converting British Indian to
Travancore Currency.*

Q. Rs.	As.	P.	T. Rs.	Chs.	C.
1					2.37
2					4.75
3					7.12
4					9.50
5					11.87
6					14.25
7			1		0.62
8			1		3.00
9			1		5.37
10			1		7.75
11			1		10.12
12			1		12.50
13			3		9.00
14			5		5.50
15			7		2.00
16			8		14.50
17			10		11.00
18			12		7.50
19			14		4.00
20			16		0.50
21			17		13.00
22			19		9.50
23			21		6.00
24			23		2.50
25			24		15.00
26			26		11.50
27			28		8.00
28			2		1.00
29			3		8.00
30			4		0.00
31			5		8.00
32			6		0.00
33			7		8.00
34			8		0.00
35			9		8.00
36			10		0.00
37			20		0.00
38			30		0.00
39			40		0.00
40			50		0.00
41			61		2.00
42			71		7.00
43			81		12.00
44			91		17.00
45			101		22.00

Table No. III.

*For converting Rupees, Annas and
Pice to Pounds, Shillings and Pence.*

Rupees.	As.	P.	S.	D.
0	1	0	0	1½
0	2	0	0	3
0	3	0	0	4½
0	4	0	0	6
0	5	0	0	7½
0	6	0	0	9
0	7	0	0	10½
0	8	0	0	12
0	9	0	0	13½
0	10	0	0	15
0	11	0	0	16½
0	12	0	0	18
0	13	0	0	19½
0	14	0	0	21
0	15	0	0	22½
1	0	0	0	24
10	0	0	1	0



THE END.

APPENDIX.

EUROPEAN AND AMERICAN RESIDENTS IN TRAVANCORE.

- Acworth, Granville L., Planter, Peermade.
 Alphonsus, Revd. Fr. Mary D. C. M. A., Arthingul.
 Ambrose, Very Revd. Fr., D. C. Vicar-General, Quilon.
 Anderson, G. Planter, Tenkasi.
 Antonius, Revd. Fr., D. C. M. A. Poolatopoa.
 Augustine, Revd. Fr., of St. Mary, D. C. M. A. Magnamy.
 Augustine, Revd. Fr. St. Mary D. C. M. A., Verapoly.
 Baker H. W., Planter, Peermade.
 — S. Do. Cottayam.
 — A. G. Do. Do.
 Bensley, O. H., D. A. Supt. of Police, Travancore (Europe).
 Bernard, Revd. Fr. of Jesus D. C. M. A. of Poonthenpully.
 Biscoe, W. Fraser, Planter, Peermade, Secretary Peermade
 Planter's Association.
 Blandford, Miss A. M., Superintendent, Fort Girl's School Tre-
 vandrum (Europe.)
 Bonaventura, Revd. Fr., D. C. M. A., of St. Francis, Verapoly.
 Bonifacios Revd. Fr. of S. H., of Mary D. C. M. A., Poonthenpully.
 Boone, Lieut. Col. J. B., 6th Regiment M. N. I., Quilon.
 Bourdillon, T. F., Planter, Trevandrum, Secy., Planters' Association.
 Bower, Revd. F. Mavalicurray.
 Brown, W. Lieut. 6th Regiment N. I., Quilon.
 Bruce, J. F., Planter, Peermade.
 Brunton, R. Engineer in charge, Steam Presses, Alleppey.
 Brunton, W. Asst. to James Darragh, Alleppey.
 Burrows, J., Planter, Peermade.
 Caley, Revd. J., Cottayam.
 Cameron, D. G., Agent Scottish Indian Coffee Company, B. I. S. N.
 Company and Standard Life Association Company, Quilon.
 Jamillus, Revd. Fr., of the Sac. Heart of Mary, D. C. M. A.
 Chattiath.
 Candidus, Revd. Fr., of the Presentation D. C. Alleppey.
 Cartner, James, Anayadi Tope, Colachel.
 Celestine, Revd. Fr. of the Cross, D. C. M. A. Arthingul.
 Chamier, C. Lieut. 6th Regiment N. I., Quilon.
 Chatterton, J., Light House, Muttum, Nagercoil.
 Chisholm, E. C., Planter, Ashambu.
 Claridge G. W. Planter Anjenand.
 Clark, F., Assistant, R. W. Dow, Alleppey.
 Clarke, Revd. W., Alleppey.
 — H. Stanley, Planter, Peermade.
 Cosby, W. T. A., First Judge, Zillah Court, Alleppey (Europe.)
 Cox, J., Planter, Nagercoil, Chairman Planters' Association.
 — H., Do Nagercoil.
 — S. Planter, Nagercoil.
 Critchley, D. B., Planter, Nagercoil.
 Crozier, P. F. Planter Peermade.
 Cyril, Revd. Fr. of the M. of god D. C. M. A. Magnamy.

Darragh, J., Merchant, Manufacturer of coir matting Alleppey.
 Dighton, S. M., Planter, Peermade.
 Dobree, J. Planter, Peermade.
 ——— H. R. Do. Do.
 Donnelly, Miss A. C., Supt. Govt. Girls' School, Trevandrum.
 Donoven, C., Planter, Munnar.
 Dow, A. L. Agent, R. W. Dow Alleppey.
 Dunlop R. G. Agent, Andrew & Co. and B. L. S. N. Co., Alloppey.
 Duthie, Revd. J., Nagercoil.
 Egan, H., Planter, Peermade.
 Elias, Revd. Fr. of St. Joseph, D. C. M. A. Verapoly.
 Elias, Revd. Fr., D. C. M. AP. Carangadoo.
 Elisens, Revd. Fr., of S. H. of Jesus, D. C. M. A. Pathampully.
 Emlyn, Revd. J., Parachallay, Trevandrum.
 Emygdias, Revd. Fr. D. C. M. AP. Anjengo.
 Ferdinandus, Revd. Fr., D. C. M. AP. Trevandrum.
 Ferrand, E. Medical 6th Regiment N. I., Quilon. [Trevandrum.
 Ferguson, H. S., Guardian to Their Highnesses the Junior Princes,
 ——— R. B., Ag. Asst. Supt. of Police, Cottoyram Division
 Fitzgerald, W., Planter, Ashambu.
 Fowler, J. E., Do. Tenkasi.
 Goldie, R. H., Do. Peermade.
 Graham, W. Do. Do.
 Grant, D. C. C., Ag. Supt. & Magistrate Southern Coffee Districts
 Gray, C., Do. Peermade. [Ashambu.
 Gray, H. Do. Do.
 ——— R., Do. Do.
 Gregory, Revd. Fr., D. C. M. AP. Cottar.
 Hacker, Revd. I. H. Neyoor.
 Hannington, J. C., M. C. S., British Resident Travancore and
 Harley, E., Planter, Peermade. [Cochin (Europe.)
 Harvey, R., M. A., LL. D., Professor of English, Mental and Moral
 Philosophy and Logic, College, Trevandrum.
 Hinton, N. I.
 Horsley, S., A. M. L. C. E. Assistant Engineer, Nagercoil.
 Houston, Surgeon-Major J. M., M. D. Physician to H. H. the
 Maha Rajah Trevandrum.
 Howlett, Captain, A., Ag. Asst. Resident of Travancore.
 Idephonsus, Rt. Revd. Fr. of St. John Baptist, O. D. C. Bishop
 of Amyson, and Vicar Apostolic of Quilon.
 Inmray, R. S., Planter Peermade.
 Inglis, H. Planter Ashambu.
 Isidore, Revd. Fr. M. AP. Moolagoomode.
 Jacob, A. H., M. A., M. I. C. E. Chief Engineer, Travancore.
 Joseph, Revd. Fr. D. C. M. AP. Cottar.
 Ketchen, Major W. D. Brodie, Commandant, Nair Brigade, Tre-
 Knight, H. M., Planter, Tenkasi (Europe.) [vandrum.
 Knowles, Revd. J., Trevandrum.
 Lawrence, J. M. Planter Ellaputty.
 Lee, J. C.
 ———, Revd. W. Nagercoil.

- Leonard, J. Surgeon Nair Brigade Trevandrum.
 Leonard, Most Revd. Fr. of St. Louis, o. d. c. Vicar Apostolic
 of Malabar.
 Livingstone, D., Planter, Peermade.
 Logan, W. Ag. British Resident of Travancore.
 Lumsden, J. S., Engineer, Scottish Indian Coffee Co. Quilon.
 Mackinlay, T. Agent of R. W. Dow Alleppey.
 Maclellan, G., Planter, Ashambu.
 Maltby, C. J. Supt. and Magistrate Cardamom Hills, Peermade.
 Marcellinho, Rt., Revd. Fr. of St. Theresa o. d. c. Bishop of
 Paro and Coadjutor to the Archbishop of Nicomedia.
 Mackay, G. M. Planter, Trevandrum.
 Marshall, W. Planter, Trevandrum.
 Masfield, H. V., Planter, Peermade.
 Master, C. O. Planter, Shatapara.
 McCaughy, J., Asst. to James Darragh, Alleppey.
 Miller, R. Planter, Tenkasi.
 Miller, R. Planter, Do.
 Moncur, J. R. Do. Ashambu.
 ——— D. M. Do. Do.
 Munro, J. D. Planter, Peermade.
 Newill, H. Do. Do.
 Neve, Revd. C. A., Cottayam.
 Ormsby, W. E., M. A. LL. D., Barrister-at-law, Pnisne Judge High
 Oxley, C. R. Major 6th Regiment M. I. Quilon. [Court.
 Painter, Revd. A. F., Cottayam.
 Parker, F. M., Planter, Peermade, Chairman Peermade Plan-
 ter's Association.
 Payne, J. Planter, Tuliar.
 Philip, The Very Revd. Fr. of St. Louis, d. c. M. A. Vicar
 General, Coonima.
 Prince, I. H., Ag. Head Sircar Vakil.
 Professor, Revd. Fr. Burnardinus, Eraveepuram.
 Prosper, Revd. Fr. D. C. M. AP. Tangacherry, Quilon.
 Polycarp, Revd. Fr. D. C. M. A., Poothenpully.
 Raymondus, Revd. of the M. of sorrow D. C. M. A. Verapoly.
 Rector, Revd. Fr. John Columbine Tangacherry, Quilon.
 Richards, Revd. W. J., Cottayam. (Europe.)
 Richardson, F. G. Planter, Cottayam.
 Rohde, J., Commercial Agent, Alleppey.
 Rombant Revd. Fr. of St. Elias D. C. M. A. Magnamy.
 Ross, J., M. A., Principal of H. H. the Maha Rajah's High School
 and College, Trevandrum.
 Sargent, E. H. Planter, Peermade.
 Sealy, J. S. Planter, Peermade.
 Sharp, A. H. Planter Munar.
 ——— A. H. Do. High range.
 Shaw, G. J. Lieut. 6th Regiment N. I. Quilon.

Sherman, C. B. B. Assistant Engineer, Cottayam.
 Sim, J. C., Planter, Anjenand.
 Smail, H. Agent of James Darragh, Alleppey.
 Speechly, Dr. Right Revd. Bishop of Travancore and Cochin, [Pallam].
 Thomas, Revd. Fr. D. C. M. AP. Quilon.
 Thomson, Dr. T. S., Medical Mission, Neyoor.
 Thornhill, J. T., Lieut. 6th Regiment N. I. Quilon.
 Thornhill, G. T., Planter, Ashambu.
 Turner, A. W., Do. Anjenand.
 Valentine, D. W. T., Asst. Engineer, Quilon.
 ———, J. S., Planter, Trevandrum.
 Vernede, C. R., Conservator of Forests, Quilon.
 ———, J. S., Asst. Do.
 Verleure, Revd. Fr. Eugenins, Moolagoomoodoo.
 Victor, Revd. Fr. D. C. M. AP., Colachel.
 ———, Revd. Fr. Mary, D. C. M. AP., Trevandrum.
 Vine, W. C. Planter, Kudaralai.
 Von Rosenberg, Baron John, Planter, Mundalai.
 Welch, Captain M. E. H. O., Nair Brigade, Trevandrum.
 White, Surgeon S. Plunket Esmonde, M. D., Residency Surgeon, Trevandrum.
 Williams, A. C., Planter, Trevandrum.
 Wilkinson, Revd. Fr. Trevandrum.
 Winn, A., Engineer Spinning Firm Quilon.
 ——— W. Do. Do. Do.
 Wotherspoon, R. C., Ag. Agent of the Scottish Indian Coffee Co. and British Indian Steam Navigation Co., Colachel.
 Wright, Revd. C. H. L., D. A. Ag. Chaplain.
 Wyllie, Lieut. J. A., Nair Brigade Trevandrum.

TRADE LIST.

ALLEPPEY.

No.	Names of Merchant Firms.	Names of Resident Partners or Owners.	Names of Agents.
1	James Darragh ...	James Darragh	H. Smail and
2	R. W. Dow. ...		L. C. Thompson.
3	Andrew and Co. ...		A. L. Dow and
4	George Brunton ...		T. Mackinlay.
5	Hajee Jacob Hajee	Hajee Mahomed H.	R. Brunton.
	Jacob...	Jacob...	
6	Hajee Elias H. Hoosman.	Hajee Abdoolkaroom	
		H. Hoosman...	
7	Hajee Essah Salay		
	Mahomed and Sons...	Hajee Assum H. Essa	
8	Hajee Abdoolah Noor-		
	mamed...		Mahomed Oom-
9	Hajee Moosah H. Ahmed		mer.
	and Co...	Ghanjee Oomeree	
10	Hajee Ibrahim Essa	Abdoolah H. Jakariah	
11	Haroon Esmail ...	Haroon Esmail ...	
12	Adam Hajee Elias	Adam Hajee Elias	
13	Esmail Oommer	Esmail Oommer.	
14	Hajee Abdool Kalack	Hajee Abdool Kalack	
15	Satarna Mahomed	Satarna Mahomed	
16	Sanjee Padomsee		Raisy Makjee.
17	Jeram Jakrishnen	Jeram Jakrishnen	
18	Laljee Vissenjee	Laljee Vissenjee	
19	Jeraj Laljee	Jeraj Laljee	
20	Jadowjee Ragowjee	Jadowjee Ragowjee	
21	Goculdass Veerjee	Goculdass Veerjee	
22	Kurumsey Kethaey		Moljee.
23	Ahmed Coyah &		
	Brothers...	Ahmed Coyah ...	
24	Krishna Pillay ...	Krishna Pillay ...	
25	Hajee Aboobucker &		
	Brothers...	Hajee Aboobucker	
26	Hajee Mahomed H.	Hajee Mahomed H.	
	Moosah...	Moosah...	
27	Abeeb and Sons	Hajee Ahmed Abeeb	
28	Chacco Kakee ...	Chacco Kakee ...	
29	Thengoomood Vared	Thengoomood Vared	
30	Moothookrishna Pillay	Moothookrishna Pillay	
31	Abdraman	Abdraman	
32	Ramdas Peraj	Ramdas Peraj	
33	Chungaranarana Pillay	Chungaranarana Pillay	
34	Coopam Pillay	Coopam Pillay	
35	Vullinayagom Pillay	Vullinayagom Pillay	
36	Sooboo Pillay	Sooboo Pillay	
37	Soobramonia Pillay	Soobramoniya Pillay	

No.	Names of Merchant Firms.	Names of Resident Partners or Owners.	Names of Agents.
38	Rangashanay ...	Vitalashanay ...	
39	Gheereedas ...	Gheereedas ...	
40	Luddah Madowjee ...	Luddah Madowjee ...	
41	Mahomed Somar ...	Mahomed Somar ...	
42	Abdool Ghunny ...	Abdool Ghunny ...	
43	Joosup ...	Joosup ...	
44	Andy Iyen Moothoo Iyen...	Andy Iyen Moothoo Iyen	
45	Swamyannoo Pillay ...	Swamyannoo Pillay ...	
46	Moorogappachetty ...	Moorogappachetty ...	
47	Subapathy Pillay ...	Subapathy Pillay ...	
48	Chinniya Pillay ...	Chinniya Pillay ...	
49	Moothooswamy Pillay ...	Moothooswamy Pillay ...	
50	G. Gomez. ...	G. Gomez ...	
51	Pundernath Chetty ...		Caroopaswamy Pillay.
52	Opendra Chetty Guna- pathy...		Swamy Konar ...
53	Shodalamoothoo Pillay...	Shodalamoothoo Pillay...	
54	Lonen Ansepoo ...	Lonen Ansepoo ...	
55	Haroon Tyib ...	Haroon Tyib ...	

QUILON.

Names.	Trade.
Samjee Gokuldoss ...	Rice coir, &c.
Shutther boji Set ...	Rice cotton, country twist, &c.
Hadjee Casin Issac ...	Rice, &c.
Jacob Set ...	Piece goods, millinery, &c.
Issac Set ...	Piece goods, &c.
Veeraswamy Moodaliar ...	Timber, &c.
Secunder Bava Saib Shak Mohiden	Timber, rice &c.
Narumboo ...	Timber, &c.
Cootti Pillay ...	Piece goods &c.
Sheid Coonjoo ...	Timber, tobacco, &c.
Cochasen Coonjoo ...	Piece goods, millinery, &c.
Agamud Pillay ...	Tobacco &c.
Coyah ...	do. do.
Mideen Coonjoo ...	do. do.
Veeraspathren...	Timber, &c.
Keery Putter ...	Pepper, sugar, &c.
Kadervava ...	Timber &c.
Karootta Sooboo ...	Rice, gram, &c.
Nullacunnoo Pillay ...	do. do. do.
Ramachandren Putter ...	Pepper, gram, &c.
Krishna Putter ...	do. do. do.
Adima ...	Rice, &c.
Iyashu Chithembrem Pillay	Country cloths, &c.
Kashava Pillay ...	do. do. do.
Chittanicurry Coonjoo ...	Piece goods, &c.
Kamethee ...	Oil, &c.
Vengadaswren Putter ...	do.
Perumal Pillay ...	Wine and spirits.
J. P. Shodalay ...	Wine & spirits & preserved provisions
Pitoha Pillay ...	do. do. do. do.
Abthaladar Issac ...	Rice &c.
Hajee Osmal Osman ...	Rice, coir &c.
Thamotharenleelatharen	do. do. do.

TREVANDRUM.

Names.	Trade.	Locality.
Hadjee Osman Junis ...	Piecegoods, metals	Challay.
Hodjee Abbuker Hadjee Ahmed ...	do.	do.
Satheen Jusape ...	do.	do.
Alai Hussan ...	do.	do.
Jusape Haroon ...	do.	do.
Salomamed Mahomed ...	do.	do.
Ivram Abbah ...	do.	do.
Hadjee Hussan Junis ...	do.	do.
Hadjee Cameesa Ismal ...	do.	do.
Hadjee Assan Abbah ...	do.	do.
Hasan Hoommer ...	do.	do.
Hadjee Abdul Shuker ...	do.	do.
Hadjee Assan Hadjee Hoommer ...	do.	do.
Hadjee Satheen Hadjee Hoommer ...	do.	do.
Adsm Hadjee Omer ...	do.	do.
Hadjee Osman Allruk ...	do.	do.
Batchu Silyman ...	do.	do.
Ismail Abubaker ...	do.	do.
Hadjee Abee and Sons ...	do.	Attakolungary.
Ramaswamy Pillay ...	do.	do.
Mahomed Ahmed ...	do.	Cantonment.
M. C. Mahomed Agber Sahib & Bros.	Piecegoods, rice &c	do.
Isaaba Abdul Rahiman ...	Watchmaker.	Challay
Neelakunden Thanuvan ...	Country Cloth.	do.
Sivathanu Neelakunden ...	do.	do.
Vengadathreien Pulpooien ...	do.	do.
Kuppa Aiyen ...	do.	do.
Kanakathi Mirasa Ravoothar ...	do.	do.
Atham Vawa Pakeer Ravoothar ...	do.	do.
Thumby Meeran Mytheen ...	do.	do.
Mathava Iyen ...	do.	do.
Vengadasubbiien ...	do.	do.
Vengadaswamyien ...	do.	do.
Kanaku Pulpasaben Mathaven ...	do.	do.
Chembagam Pillay ...	do.	Kythamukkoo.
Sivathanu Pillay ...	do.	do.
Chinniyen Pillay ...	do.	do.
Shunguralingam Iyemperumal ...	Rice.	Challay
Veerabhaoo Ananchaperumal ...	do.	do.
Soobien Varadien ...	do.	do.
Sreenivas Iyen Shasha Iyen ...	do.	do.
Sashien Ramasubuien ...	do.	do.
Soobien Ramaswamy Iyen ...	do.	do.
Iyavavien Vengoo Iyen ...	do.	do.
Seekamaswara Iyen Anthy Iyen ...	do.	do.
Soondralingam Pillay ...	do.	do.
Muthuswamy Shunguralingam ...	do.	do.
Sesha Iyen ...	do.	do.
Vengadaswara Iyen ...	do.	do.
Subbiien Thava Raj Iyen ...	do.	do.
Andy Iyen Pulpoo Iyen ...	do.	do.
Poornam Iyen Shami Iyen ...	do.	do.

TREVANDRUM.

Names.	Trade.	Locality.
Pichu Iyen Rama Iyen ...	Rice	Chalay.
Ganapathien Pulpanabien ...	Gold and Jewellery.	do.
Ganapattay Iyen ...	do.	do.
Anandkrishna Iyen Muthien ...	do.	do.
Rama Iyen Narayana Iyen ...	do.	do.
Subbien Krishna Iyen ...	do.	do.
Tharma Raj Iyen ...	do.	do.
Muthuier Ramasubbien ...	do.	do.
Kuppien Muthien ...	do.	do.
Ramien Narayanaien ...	do.	do.
Kongany Puppoo ...	do.	do.
Ramasubbien Muthien ...	do.	do.
Ganapathy Iyen Thanu Iyen ...	do.	do.
Subbien Moothien ...	do.	do.
Krishna Iyen Ganapathy Iyen ...	do.	do.
Andyappen Soobramanian Pillay ...	Sowcar	do.
Shungara Subbien ...	do.	do.
Chodalamuthu Tharavium ...	Tobacco	do.
Navaivayam Akemadan ...	do.	do.
Muthu Iyen Harihara Iyen ...	do.	do.
Vyrananatha Pillay ...	do.	do.
Viruthupatty, Kan Ena, Ana, Tyal Nadan...	do.	do.
Subiah Pillay...	do.	Kythamukky
Oemmar Kanna ...	do.	do.
Musthan ...	do.	do.
Thalava Padalingam ...	Timber	Chalay
Narayana Pillay ...	do.	do.
Kylasom Subramaniam ...	do.	do.
Rama Pattan...	do.	do.
Muthuswamy Ruttier ...	do.	Landing-place
Mydeenpillay...	do.	do.
Perumal Pillay ...	do.	do.
Cochoe Cootty ...	do.	do.
Antony Joseph ...	Wine, spirits & preserved provisions	Cantonment
T. L. Gomez ...	do.	do.
P. Moreira ...	do.	do.
O. S. Ganapathy, Agent S. B. Mares...	do.	do.
M. Pereira ...	do.	do.
J. D. Pereira ...	do.	do.
Adam and Co. ...	Military dress and Boot makers	do.
E. Lopez ...	do.	Chethambutha
V. Manuel ...	do.	Pettah.
Ramasubbien ...	Druggist	Chalay.
T. I. Croning...	Cabinet maker and Coach builder.	Cantonment.

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